# ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ

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Декартовы координаты атомов (в Å) для структур, изображенных на рис. 1, 3, 4, 6 - 8.

[(Mg(BH4)2)\*2NH3]2

Fig. 1.

D0

12 0 -2.667126 0.062847 -0.131064

12 0 2.667126 -0.062847 0.131064

5 0 -4.880081 -0.038728 -0.125025

5 0 1.097286 -1.897111 0.230461

5 0 -1.097286 1.897111 -0.230461

5 0 4.880081 0.038728 0.125025

7 0 2.003555 1.476022 1.511665

1 0 1.988809 1.153467 2.479771

1 0 2.635681 2.277069 1.489323

7 0 -2.003555 -1.476022 -1.511665

1 0 -1.988809 -1.153467 -2.479771

1 0 -1.059735 -1.816301 -1.295371

1 0 -2.635681 -2.277069 -1.489323

1 0 1.059735 1.816301 1.295371

1 0 -4.421778 0.699328 0.761450

1 0 -4.476558 -1.185606 0.092571

1 0 -4.395170 0.335376 -1.208630

1 0 -6.075664 0.027841 -0.156203

1 0 0.828381 -2.084437 -0.948191

1 0 0.768213 -0.748610 0.529095

1 0 0.531895 -2.663998 0.980761

1 0 2.313266 -2.048818 0.382558

1 0 -0.828381 2.084437 0.948191

1 0 -0.768213 0.748610 -0.529095

1 0 -0.531895 2.663998 -0.980761

1 0 -2.313266 2.048818 -0.382558

1 0 4.421778 -0.699328 -0.761450

1 0 4.476558 1.185606 -0.092571

1 0 4.395170 -0.335376 1.208630

1 0 6.075664 -0.027841 0.156203

7 0 -1.940247 -0.792269 1.712626

7 0 1.940247 0.792269 -1.712626

1 0 -1.080995 -1.333778 1.574318

1 0 -1.717958 -0.054675 2.381396

1 0 -2.628724 -1.399414 2.157725

1 0 1.080995 1.333778 -1.574318

1 0 1.717958 0.054675 -2.381396

1 0 2.628724 1.399414 -2.157725

D0ts1

12 0 2.351242 -0.080782 0.285960

12 0 -2.094706 -0.230686 -0.084034

5 0 3.093138 1.674838 -0.892763

5 0 -3.139707 1.947282 -0.067055

5 0 2.842444 -0.923836 2.281897

5 0 -1.581767 -2.095338 -1.543968

7 0 -0.003932 0.035605 0.391773

1 0 0.091607 -0.224989 1.375897

1 0 0.165463 -0.797867 -0.177135

7 0 0.044394 2.569643 -0.221662

1 0 0.506227 3.107135 0.512478

1 0 0.563539 2.728934 -1.086748

1 0 -0.931920 2.880279 -0.314391

1 0 0.072094 1.355161 0.049981

1 0 3.471202 2.678448 -1.431720

1 0 2.166228 1.147124 -1.517050

1 0 2.684702 1.943946 0.248379

1 0 3.994685 0.844895 -0.779807

1 0 -4.337268 1.850365 0.089215

1 0 -2.776132 3.092239 -0.247506

1 0 -2.812815 1.297105 -1.081190

1 0 -2.551867 1.499003 0.931274

1 0 3.198359 -1.281308 3.368432

1 0 1.993899 -1.676521 1.795148

1 0 3.805575 -0.881491 1.500559

1 0 2.355913 0.216899 2.339681

1 0 -0.407284 -2.148699 -1.875872

1 0 -1.651833 -2.231040 -0.312524

1 0 -2.271948 -2.928729 -2.074487

1 0 -2.010829 -0.971451 -1.884730

7 0 2.421787 -1.739522 -1.119351

7 0 -3.813742 -1.038208 0.952500

1 0 1.530097 -2.035852 -1.529242

1 0 3.035593 -1.492945 -1.896825

1 0 2.824145 -2.559309 -0.663160

1 0 -3.678132 -1.341950 1.916974

1 0 -4.522828 -0.302224 0.964364

1 0 -4.194979 -1.836897 0.443522

D0a

12 0 2.008666 -0.443541 0.505859

12 0 -1.588918 -0.436286 0.180889

5 0 2.093862 1.632052 -0.853711

5 0 -2.694868 1.802374 0.031435

5 0 3.685256 -1.076767 1.827784

5 0 -1.496208 -1.924100 -1.649956

7 0 0.090356 -0.512196 1.359545

1 0 0.082967 0.226941 2.067352

1 0 0.107024 -1.376430 1.909384

7 0 -0.226833 3.507660 -1.185291

1 0 -0.317717 4.072019 -2.032613

1 0 0.423692 2.689361 -1.360381

1 0 -1.170654 3.153657 -0.876995

1 0 0.191477 4.069223 -0.439975

1 0 2.600574 2.715469 -1.043591

1 0 1.190166 1.382697 -1.658994

1 0 1.618147 1.619556 0.282702

1 0 2.938074 0.762481 -0.998090

1 0 -3.601445 1.843002 0.835241

1 0 -2.658961 2.851855 -0.600940

1 0 -2.868096 0.902851 -0.788979

1 0 -1.625553 1.643358 0.629344

1 0 4.593673 -1.347354 2.563303

1 0 2.812673 -1.954537 1.835986

1 0 4.075047 -0.940391 0.662389

1 0 3.151876 -0.009380 2.173795

1 0 -0.803678 -2.562929 -2.409207

1 0 -1.321667 -2.359543 -0.501846

1 0 -2.678467 -1.955618 -1.927093

1 0 -1.099789 -0.740673 -1.705168

7 0 1.884126 -1.882622 -1.113997

7 0 -3.397821 -1.144340 1.142140

1 0 0.938482 -2.096496 -1.447286

1 0 2.411625 -1.550742 -1.921680

1 0 2.312216 -2.763227 -0.826615

1 0 -3.303693 -1.666789 2.012388

1 0 -4.002586 -0.341331 1.320267

1 0 -3.877330 -1.749816 0.474532

D0ts2

12 0 2.507207 -0.794640 -0.097683

12 0 -0.210078 0.962060 -0.402805

5 0 0.247223 -0.780622 1.409870

5 0 -5.424579 -1.991498 -0.916987

5 0 4.017351 -2.359350 -0.367767

5 0 0.062769 3.179613 -0.109423

7 0 1.278400 0.069898 -1.516544

1 0 0.950853 -0.660024 -2.153086

1 0 1.758953 0.739691 -2.120344

7 0 -3.312935 -0.454740 1.707120

1 0 -3.660821 0.179298 2.425413

1 0 -2.387795 -0.762161 2.015228

1 0 -5.496045 0.983081 0.407190

1 0 -3.913371 -1.278110 1.730203

1 0 -0.306383 -1.107448 2.433062

1 0 -0.422637 -1.076055 0.429330

1 0 1.319116 -1.390220 1.361661

1 0 0.473410 0.430560 1.456601

1 0 -6.389330 -1.577832 -1.482417

1 0 -6.168880 1.149559 0.137934

1 0 -4.352364 -1.932980 -1.439797

1 0 -5.529409 -2.475500 0.169607

1 0 4.818078 -3.234413 -0.533386

1 0 4.319974 -1.337493 -1.004568

1 0 3.926113 -2.044440 0.827325

1 0 2.888369 -2.714639 -0.745995

1 0 1.173031 2.673805 0.088035

1 0 -0.278157 2.889366 -1.263887

1 0 0.078217 4.367758 0.051827

1 0 -0.734831 2.648197 0.678817

7 0 3.350821 0.912146 0.942524

7 0 -2.271131 0.611924 -0.871206

1 0 2.828745 1.771853 0.750965

1 0 3.322056 0.773705 1.953274

1 0 4.326768 1.079505 0.696085

1 0 -2.459251 -0.079241 -1.598053

1 0 -2.758847 0.279994 -0.011985

1 0 -2.721008 1.479826 -1.164903

[(Mg(BH4)2)\*2NH3]2 - H2

D1a

12 0 2.163966 -0.785527 -0.231127

12 0 -0.338935 1.311889 -0.176963

5 0 -0.269797 -0.977732 0.974248

5 0 -4.336842 -1.092390 -0.247107

5 0 3.531661 -2.372597 -0.865816

5 0 0.089745 3.199417 0.963607

7 0 1.200764 0.640870 -1.372628

1 0 0.900333 0.207864 -2.248809

1 0 1.812413 1.406327 -1.663127

7 0 -3.565032 -2.157945 0.732908

1 0 -4.048680 -2.253649 1.626626

1 0 -2.599411 -1.871716 0.935463

1 0 -3.525359 -3.085744 0.309170

1 0 -0.893406 -1.537922 1.847653

1 0 -0.972207 -0.754208 -0.005043

1 0 0.637728 -1.732642 0.623035

1 0 0.187113 0.060347 1.440008

1 0 -4.320942 -0.031731 0.351649

1 0 -3.694821 -1.075507 -1.280626

1 0 -5.458029 -1.514513 -0.405158

1 0 4.265183 -3.246147 -1.229641

1 0 4.023190 -1.250430 -1.069296

1 0 3.285674 -2.460233 0.346662

1 0 2.447338 -2.420037 -1.468936

1 0 1.114273 2.517676 1.067292

1 0 -0.095188 3.410360 -0.241976

1 0 0.166509 4.224898 1.578968

1 0 -0.857177 2.516396 1.391106

7 0 3.020231 0.335142 1.414600

7 0 -2.262453 1.541327 -1.115694

1 0 2.600232 1.264837 1.502910

1 0 2.866720 -0.138368 2.305679

1 0 4.028880 0.457370 1.318455

1 0 -2.238707 1.548133 -2.136200

1 0 -2.939720 0.813982 -0.851758

1 0 -2.663439 2.436089 -0.830298

D1a

12 0 2.163966 -0.785527 -0.231127

12 0 -0.338935 1.311889 -0.176963

5 0 -0.269797 -0.977732 0.974248

5 0 -4.336842 -1.092390 -0.247107

5 0 3.531661 -2.372597 -0.865816

5 0 0.089745 3.199417 0.963607

7 0 1.200764 0.640870 -1.372628

1 0 0.900333 0.207864 -2.248809

1 0 1.812413 1.406327 -1.663127

7 0 -3.565032 -2.157945 0.732908

1 0 -4.048680 -2.253649 1.626626

1 0 -2.599411 -1.871716 0.935463

1 0 -3.525359 -3.085744 0.309170

1 0 -0.893406 -1.537922 1.847653

1 0 -0.972207 -0.754208 -0.005043

1 0 0.637728 -1.732642 0.623035

1 0 0.187113 0.060347 1.440008

1 0 -4.320942 -0.031731 0.351649

1 0 -3.694821 -1.075507 -1.280626

1 0 -5.458029 -1.514513 -0.405158

1 0 4.265183 -3.246147 -1.229641

1 0 4.023190 -1.250430 -1.069296

1 0 3.285674 -2.460233 0.346662

1 0 2.447338 -2.420037 -1.468936

1 0 1.114273 2.517676 1.067292

1 0 -0.095188 3.410360 -0.241976

1 0 0.166509 4.224898 1.578968

1 0 -0.857177 2.516396 1.391106

7 0 3.020231 0.335142 1.414600

7 0 -2.262453 1.541327 -1.115694

1 0 2.600232 1.264837 1.502910

1 0 2.866720 -0.138368 2.305679

1 0 4.028880 0.457370 1.318455

1 0 -2.238707 1.548133 -2.136200

1 0 -2.939720 0.813982 -0.851758

1 0 -2.663439 2.436089 -0.830298

D1ts1

12 0 2.210554 -0.280018 0.132824

12 0 -1.122968 -0.787526 0.078344

5 0 0.382353 0.640466 1.745586

5 0 -1.560382 2.038548 -1.285809

5 0 4.277982 -0.982250 0.433210

5 0 -3.127106 -0.832042 1.503800

7 0 0.709790 -1.468926 -0.643447

1 0 0.917056 -2.432257 -0.366344

1 0 0.723778 -1.503178 -1.665550

7 0 -1.981444 2.535111 0.202921

1 0 -1.408175 0.817540 -1.234295

1 0 -0.511866 2.583679 -1.563783

1 0 -2.465181 2.309458 -2.034646

1 0 1.456785 1.995674 -1.227692

1 0 2.589096 2.346116 -0.095598

1 0 3.060237 1.734814 -1.537735

1 0 0.183752 0.954867 0.578093

1 0 -1.237209 2.354332 0.889013

1 0 -2.192437 3.533584 0.211655

1 0 -2.804817 2.030886 0.545107

1 0 5.387189 -1.404287 0.597742

1 0 3.983978 -0.942033 -0.773374

1 0 4.150995 0.160973 0.890452

1 0 3.442270 -1.704895 0.998944

1 0 -4.118518 -1.380946 1.057882

1 0 -2.198236 -1.659876 1.563138

1 0 -3.273198 -0.325944 2.587875

1 0 -2.811272 0.060217 0.683579

7 0 -2.392319 -2.113509 -1.170076

7 0 2.337825 1.672533 -0.819962

1 0 -3.274237 -2.126128 -0.651253

1 0 -2.599502 -1.816591 -2.123633

1 0 -2.054467 -3.073894 -1.222928

1 0 1.585636 0.411041 1.895596

1 0 0.073566 1.559630 2.471522

1 0 -0.237459 -0.372323 2.022228

D1b

12 0 1.886326 -0.517261 -0.246562

12 0 -0.434346 2.065141 -0.262483

5 0 -1.966094 0.897356 -1.659323

5 0 -2.365702 -2.260422 1.087304

5 0 3.905674 -1.405671 -0.338632

5 0 -0.830293 3.127969 1.599468

7 0 1.418976 1.433877 -0.836817

1 0 1.528473 1.483358 -1.853165

1 0 2.143490 2.061819 -0.478993

7 0 -3.575426 -1.331169 0.493090

1 0 -1.630940 -1.494394 1.685710

1 0 -1.834434 -2.779274 0.122712

1 0 -2.874805 -3.071620 1.822070

1 0 -0.233395 -2.184149 -0.743876

1 0 -0.108526 -1.133110 -1.977718

1 0 0.912711 -2.426156 -1.898882

1 0 -1.502594 0.439040 -0.596607

1 0 -3.240254 -0.606861 -0.154930

1 0 -4.260168 -1.896897 -0.010286

1 0 -4.074003 -0.854503 1.246011

1 0 5.015283 -1.852518 -0.395163

1 0 3.864946 -0.405980 0.397713

1 0 3.098972 -2.232564 0.109762

1 0 3.502385 -1.060555 -1.460792

1 0 -0.043998 2.187878 1.805835

1 0 -0.324736 3.835750 0.704533

1 0 -1.013787 3.772301 2.589759

1 0 -1.878609 2.650241 1.157344

7 0 1.105749 -0.649877 1.777106

7 0 0.450676 -1.707137 -1.341103

1 0 1.025072 0.255020 2.245659

1 0 0.175268 -1.079271 1.832224

1 0 1.732260 -1.221670 2.345605

1 0 -1.432229 0.330118 -2.588928

1 0 -3.170133 0.774024 -1.628836

1 0 -1.724461 2.117836 -1.741811

D1ts2

12 0 2.129229 0.075222 -0.354789

12 0 -1.374633 -0.458603 -0.298636

5 0 -1.859213 2.544553 0.290284

5 0 -3.381099 -1.009053 -1.201825

5 0 4.059079 0.759963 -1.185323

5 0 -0.833850 -1.211727 1.948571

7 0 0.361982 -0.264710 -1.393820

1 0 0.472561 -1.095900 -1.982372

1 0 0.230792 0.486859 -2.076753

7 0 -3.632677 0.076423 -0.042007

1 0 -2.716728 -1.920865 -0.689456

1 0 -2.681155 -0.442753 -2.042878

1 0 -4.375419 -1.469326 -1.696089

1 0 2.430543 -2.610850 0.075509

1 0 3.251811 -1.834218 1.252771

1 0 1.606701 -1.959430 1.340045

1 0 -1.190489 1.731785 -0.317519

1 0 -2.811940 1.323834 0.648289

1 0 -4.284110 0.759189 -0.431091

1 0 -4.116512 -0.358925 0.744580

1 0 5.076219 1.142604 -1.688545

1 0 3.147649 1.589569 -1.342951

1 0 4.185811 0.571805 0.032373

1 0 3.684222 -0.309252 -1.692946

1 0 0.220246 -1.192816 2.561760

1 0 -1.066002 -0.037533 1.608098

1 0 -1.760509 -1.620266 2.603106

1 0 -0.691893 -1.924456 0.941978

7 0 1.529651 1.339164 1.306093

7 0 2.393553 -1.805985 0.701687

1 0 1.043282 0.794512 2.022806

1 0 2.322410 1.805357 1.747934

1 0 0.873041 2.071714 1.027186

1 0 -2.615227 3.167528 -0.397797

1 0 -2.573132 1.937424 1.234146

1 0 -1.209471 3.162069 1.096723

[(Mg(BH4)2)\*2NH3]2 - 2H2

D2a

12 0 2.058172 -0.025759 -0.002011

12 0 -2.122664 -0.454031 0.268543

5 0 -0.260711 -0.238184 1.854317

5 0 -2.199107 1.761306 -1.008760

5 0 4.238176 -0.171547 -0.280953

5 0 -2.336627 -2.461158 -0.575873

7 0 1.003836 -1.099428 1.478045

1 0 1.549372 -1.302814 2.314659

1 0 0.726875 -2.014304 1.118162

7 0 -3.222508 1.264124 0.124392

1 0 -1.548514 0.737664 -1.367835

1 0 -1.400273 2.547629 -0.521488

1 0 -2.752563 2.199939 -1.988819

1 0 0.520857 2.246979 -0.173579

1 0 1.386909 2.281060 1.203917

1 0 2.113023 2.693897 -0.206292

1 0 -0.524217 0.467673 0.872813

1 0 -3.281080 1.924252 0.895440

1 0 -4.164791 1.180966 -0.251837

1 0 5.425570 -0.274392 -0.391098

1 0 3.680872 -1.276037 -0.383949

1 0 3.756660 0.571873 -1.147650

1 0 3.931553 0.299812 0.827810

1 0 -1.133088 -2.161304 -0.457115

1 0 -2.846143 -2.352578 0.550842

1 0 -2.465271 -3.573398 -0.997465

1 0 -2.854603 -1.625566 -1.320323

7 0 1.008058 -0.594148 -1.817125

7 0 1.449383 2.041601 0.212967

1 0 0.607428 -1.533673 -1.773593

1 0 0.219630 0.020073 -2.041599

1 0 1.643384 -0.581557 -2.616432

1 0 -0.030159 0.528087 2.759861

1 0 -1.251057 -0.922590 2.139320

D2ts1

12 0 -1.832813 -0.330430 -0.092462

12 0 1.359918 0.563724 0.172930

5 0 -0.037740 0.488134 2.223414

5 0 3.104260 -1.821223 -0.492635

5 0 -3.391814 -1.673729 -0.875766

5 0 1.704297 2.356219 -1.124901

7 0 -1.475879 -0.114685 1.959041

1 0 -1.562450 -1.003722 2.453680

1 0 -2.171670 0.484064 2.406476

7 0 3.149986 -0.543674 0.382856

1 0 4.102414 -2.083343 -1.112482

1 0 2.349708 -1.545992 -1.585115

1 0 2.552742 -2.739512 0.056147

1 0 1.525716 -1.293865 -1.252241

1 0 -0.063477 -1.845370 -0.732354

1 0 -0.094622 -0.721479 -1.910000

1 0 0.789667 -0.381294 1.942383

1 0 3.295031 -0.810766 1.355582

1 0 3.940953 0.047612 0.128682

1 0 -4.230414 -2.419774 -1.290332

1 0 -3.877585 -0.801496 -0.139471

1 0 -2.802379 -1.094137 -1.801588

1 0 -2.537345 -2.286110 -0.213608

1 0 0.484804 2.189399 -0.992942

1 0 2.177661 2.439509 0.019632

1 0 1.942238 3.348675 -1.751929

1 0 2.155384 1.346689 -1.668364

7 0 -2.209225 1.689349 -0.784217

7 0 0.159939 -0.864329 -0.928595

1 0 -2.647432 2.295003 -0.089204

1 0 -1.347959 2.162324 -1.076201

1 0 -2.837127 1.668936 -1.589179

1 0 0.159350 0.865690 3.352916

1 0 0.102767 1.465799 1.469742

[(Mg(BH4)2)\*2NH3]2 - 3H2

D3a

12 0 -1.973099 -0.447194 -0.043891

12 0 1.167405 0.559593 0.197385

5 0 -0.151213 0.498771 2.293069

5 0 3.287353 -1.620807 0.158060

5 0 -3.785284 -1.587597 -0.611374

5 0 1.881045 2.383768 -0.864217

7 0 -1.547983 -0.179876 2.024505

1 0 -1.591703 -1.070368 2.522404

1 0 -2.276177 0.380966 2.469798

7 0 3.260896 -0.354915 0.805930

1 0 3.682597 -1.677898 -0.964602

1 0 2.869166 -2.569537 0.747439

1 0 0.192207 -1.752380 -0.601605

1 0 0.010458 -0.682320 -1.793957

1 0 0.733234 -0.324849 2.016163

1 0 3.152980 -0.301796 1.815486

1 0 3.795492 0.424944 0.431851

1 0 -4.747160 -2.239422 -0.904858

1 0 -4.084338 -0.642716 0.133662

1 0 -3.233813 -1.114579 -1.615798

1 0 -2.945502 -2.282827 -0.015620

1 0 0.644303 2.328295 -0.919070

1 0 2.191038 2.344751 0.339283

1 0 2.299418 3.384330 -1.372015

1 0 2.323578 1.370114 -1.413543

7 0 -2.287608 1.626528 -0.697195

7 0 -0.042465 -0.772355 -0.777324

1 0 -2.682369 2.231440 0.023365

1 0 -1.433393 2.086274 -1.021385

1 0 -2.950102 1.630976 -1.473769

1 0 0.032700 0.883891 3.424334

1 0 -0.047192 1.480429 1.539364

D3ts1

12 0 -1.706104 -0.234514 -0.119662

12 0 1.474512 0.458623 0.201966

5 0 0.098235 0.652475 2.231104

5 0 2.142056 -1.991351 -0.605523

5 0 -3.438642 -1.439700 -0.759250

5 0 2.114355 2.150108 -1.107271

7 0 -1.355664 0.109606 1.930267

1 0 -1.516900 -0.740512 2.472815

1 0 -2.032202 0.772742 2.311975

7 0 2.987366 -1.054515 0.196729

1 0 2.359040 -2.044139 -1.778288

1 0 1.715970 -2.946548 -0.023922

1 0 -0.078394 -1.913976 -0.527222

1 0 0.219460 -0.931751 -1.778510

1 0 0.902372 -0.268299 2.039563

1 0 3.254195 -1.390898 1.117760

1 0 3.807187 -0.691125 -0.282821

1 0 -4.372232 -2.109184 -1.095842

1 0 -3.801595 -0.435365 -0.127199

1 0 -2.783848 -1.049504 -1.738103

1 0 -2.669021 -2.082619 -0.026615

1 0 0.889437 2.214260 -0.936299

1 0 2.627484 2.117514 0.026806

1 0 2.517357 3.099349 -1.716186

1 0 2.358309 1.089737 -1.680117

7 0 -1.878919 1.749678 -0.990695

7 0 0.242424 -0.971972 -0.758057

1 0 -2.353126 2.425405 -0.390456

1 0 -0.973731 2.163276 -1.233439

1 0 -2.428905 1.691098 -1.849033

1 0 0.267111 1.077066 3.348180

1 0 0.324667 1.576918 1.436300

D3b

12 0 1.846113 -0.061998 -0.050856

12 0 -2.316906 -0.255134 0.151959

5 0 -0.523326 -1.450313 1.201562

5 0 -0.282481 2.292136 0.153907

5 0 4.026076 0.322903 0.077183

5 0 -4.118261 -1.061990 -0.712148

7 0 0.753103 -0.680056 1.646910

1 0 0.524180 0.202697 2.105852

1 0 1.279016 -1.221589 2.330071

7 0 -1.780803 1.746964 0.002220

1 0 -0.263299 3.483223 -0.093509

1 0 0.068620 2.077944 1.304021

1 0 1.401637 2.181963 -1.118298

1 0 0.189750 1.339022 -1.739561

1 0 -1.546274 -1.039893 1.796444

1 0 -2.308859 2.255296 0.716718

1 0 -2.175551 2.109586 -0.870708

1 0 5.193117 0.578431 0.164163

1 0 3.774179 -0.814209 0.501038

1 0 3.635542 0.378596 -1.099889

1 0 3.349507 1.127668 0.735600

1 0 -3.374962 -0.552817 -1.574545

1 0 -3.480435 -1.960033 -0.152227

1 0 -5.131660 -1.466087 -1.198911

1 0 -4.350138 -0.177890 0.137144

7 0 1.715435 -1.853656 -1.307012

7 0 0.678243 1.507194 -0.857115

1 0 1.185878 -2.599055 -0.852853

1 0 1.316825 -1.740429 -2.239049

1 0 2.671387 -2.188690 -1.433533

1 0 -0.450418 -2.642768 1.358103

1 0 -0.691766 -1.277887 -0.036601

D3ts2

12 0 1.703789 -0.076440 0.299111

12 0 -2.155941 -0.502475 0.103140

5 0 -0.305222 -1.712708 -0.766282

5 0 -0.482937 2.056978 -0.300724

5 0 3.193005 0.642617 1.775457

5 0 -4.151008 -0.563343 0.923673

7 0 -0.173291 -0.902191 0.599023

1 0 -0.400178 0.664165 1.064199

1 0 -0.178697 -1.518154 1.414473

7 0 -1.627616 1.340155 -0.963711

1 0 -0.672074 3.158560 0.125302

1 0 -0.497273 1.497392 1.174344

1 0 1.558276 2.439295 -0.650430

1 0 0.899504 1.438511 -1.775990

1 0 -1.524512 -1.890085 -1.092307

1 0 -2.456510 1.925644 -1.043565

1 0 -1.402436 0.987714 -1.893794

1 0 3.986591 1.012720 2.592877

1 0 3.029626 -0.586923 1.836403

1 0 3.565195 0.912672 0.622303

1 0 2.090746 1.176223 1.949474

1 0 -4.171853 -0.430406 -0.313628

1 0 -3.520565 -1.602791 1.173665

1 0 -5.256292 -0.603949 1.377422

1 0 -3.504126 0.390246 1.389530

7 0 2.810264 -1.431694 -0.985072

7 0 0.892314 1.680725 -0.785925

1 0 2.199122 -2.234568 -1.153417

1 0 3.108303 -1.092119 -1.898927

1 0 3.647459 -1.757202 -0.501125

1 0 0.187520 -2.826090 -0.743094

1 0 0.157113 -1.040565 -1.691549

Fig. 3.

[(Mg(BH4)2)\*2NH3]2 - 4H2

D4

12 0 1.604759 -0.208501 0.242381

12 0 -1.976059 -0.583487 0.055451

5 0 -0.339195 -1.826392 -1.195895

5 0 -0.394891 1.910020 -0.778716

5 0 2.950416 0.818728 1.666135

5 0 -3.959499 -0.343534 0.890338

7 0 -0.101714 -1.262668 0.264166

1 0 -0.093259 -2.031385 0.936629

7 0 -1.571977 1.246201 -1.276613

1 0 -0.512281 2.755904 0.050027

1 0 1.677307 2.160581 -1.023782

1 0 1.023189 1.008349 -2.071872

1 0 -1.589677 -1.800339 -1.487041

1 0 -2.455616 1.739640 -1.188625

1 0 -1.515798 0.727127 -2.150941

1 0 3.650587 1.353367 2.477305

1 0 2.934113 -0.411806 1.831573

1 0 3.341343 1.032487 0.508341

1 0 1.783110 1.225559 1.749520

1 0 -3.992168 -0.241041 -0.347093

1 0 -3.471031 -1.453031 1.157769

1 0 -5.047386 -0.221654 1.371442

1 0 -3.177060 0.523715 1.317150

7 0 2.831171 -1.484440 -1.038556

7 0 0.924689 1.497653 -1.185154

1 0 2.171102 -2.134163 -1.474438

1 0 3.395560 -1.073466 -1.781319

1 0 3.471987 -2.030675 -0.461932

1 0 0.027101 -2.973230 -1.381831

1 0 0.167903 -1.073924 -2.043848

D4ts

12 0 -1.299942 -0.453827 -0.230052

12 0 1.688030 -0.416602 0.187762

5 0 -0.156628 0.931220 2.169291

5 0 0.099606 1.848521 -1.407561

5 0 -0.454251 -2.058147 -1.599907

5 0 3.724829 -1.134774 0.238042

7 0 0.010298 -0.316556 1.347889

1 0 -0.155345 -1.130708 1.940715

7 0 1.356748 1.601092 -0.649904

1 0 0.205025 2.250661 -2.532695

1 0 -1.926249 1.935339 -1.323355

1 0 -1.213883 1.788030 0.652977

1 0 0.710219 1.785311 2.097260

1 0 2.189424 1.950216 -1.118152

1 0 1.311939 2.010719 0.288968

1 0 -0.211387 -2.936372 -2.374793

1 0 -0.835824 -2.501323 -0.513341

1 0 -1.328407 -1.310166 -2.066748

1 0 0.548976 -1.345910 -1.403215

1 0 3.577105 -0.127275 0.952745

1 0 2.927815 -1.997316 0.640965

1 0 4.851890 -1.534105 0.273457

1 0 3.388689 -0.825917 -0.916185

7 0 -3.338685 -0.786076 0.432101

7 0 -1.140816 1.565292 -0.790548

1 0 -3.504842 -0.306995 1.318906

1 0 -4.065543 -0.475100 -0.213340

1 0 -3.505220 -1.779844 0.598001

1 0 -0.669082 0.832902 3.258799

1 0 -1.232946 1.782630 1.570419

[(Mg(BH4)2)\*2NH3]2 - 5H2

D5

12 0 -1.326770 -0.258704 -0.287341

12 0 1.650598 -0.346313 -0.058593

5 0 -0.000445 0.618457 2.348697

5 0 0.129111 1.963385 -1.623769

5 0 -0.512978 -2.120995 -1.422759

5 0 3.661062 -1.108299 0.157748

7 0 0.051679 -0.362017 1.332514

1 0 0.000700 -1.302885 1.731114

7 0 1.313567 1.672933 -0.704037

1 0 0.381700 2.605869 -2.610083

1 0 -1.815851 1.745344 -1.972763

1 0 0.075913 1.784132 2.048503

1 0 2.168070 2.106484 -1.050303

1 0 1.125599 2.092410 0.210762

1 0 -0.275980 -3.107749 -2.057806

1 0 -0.847861 -2.391393 -0.271338

1 0 -1.395608 -1.454193 -1.969685

1 0 0.500621 -1.384675 -1.388282

1 0 3.501506 -0.086363 0.845814

1 0 2.813428 -1.938891 0.523148

1 0 4.769590 -1.544844 0.263200

1 0 3.404540 -0.808228 -1.021142

7 0 -3.351664 -0.636141 0.398456

7 0 -1.118914 1.473517 -1.282846

1 0 -3.456425 -0.544463 1.409719

1 0 -4.031320 -0.002210 -0.023695

1 0 -3.639856 -1.585504 0.156570

1 0 -0.137160 0.331124 3.507972

D5ts

12 0 1.276213 -0.410671 0.014642

12 0 -1.522506 0.502399 0.042882

5 0 -0.138705 -0.603684 2.557382

5 0 -1.345077 -1.468605 -1.482913

5 0 2.529379 2.204622 -0.625920

5 0 -2.773121 2.246644 -0.208347

7 0 -0.007400 0.349770 1.522611

1 0 0.220861 1.270899 1.900489

7 0 -2.092010 -1.626919 -0.200056

1 0 -1.815981 -1.910416 -2.490928

1 0 0.122923 -0.374336 -2.328434

1 0 -0.391876 -1.749224 2.255349

1 0 -3.001148 -2.073227 -0.264444

1 0 -1.585407 -2.029041 0.589296

1 0 3.103045 3.106426 -1.144191

1 0 4.794064 1.310439 -1.212125

1 0 1.797977 1.535450 -1.300898

1 0 2.569936 2.054959 0.556624

1 0 -2.994769 1.661591 0.866881

1 0 -1.564037 2.541547 -0.228027

1 0 -3.458439 3.219720 -0.321502

1 0 -2.970382 1.435375 -1.124161

7 0 3.086038 -1.060763 -0.001816

7 0 -0.243584 -0.594480 -1.404067

1 0 3.699991 -1.079905 0.808412

1 0 3.435450 -1.762386 -0.649461

1 0 4.428665 0.710203 -0.938551

1 0 0.000959 -0.336943 3.717665

[(Mg(BH4)2)\*2NH3]2 - 6H2

D6a

12 0 -1.297736 -0.003430 -0.227110

12 0 1.638559 -0.262486 -0.281460

5 0 -0.095059 -1.867628 1.680653

5 0 1.054498 2.073125 0.390593

5 0 -3.325000 -0.045822 -1.206005

5 0 3.318514 -0.889754 -1.479635

7 0 0.047198 -1.541262 0.313723

1 0 0.018217 -2.379939 -0.269184

7 0 1.681431 1.176057 1.404708

1 0 1.455044 3.195333 0.277655

1 0 -0.079523 2.025044 -1.279216

1 0 -0.101348 -0.965026 2.489444

1 0 2.463283 1.563769 1.922617

1 0 1.062503 0.693970 2.056901

1 0 -4.406550 -0.150037 -1.720717

1 0 -2.664672 0.876101 -1.707807

1 0 -2.661901 -1.091721 -1.380750

1 0 3.319784 -1.425455 -0.356463

1 0 2.234508 -1.169196 -2.023676

1 0 4.243273 -1.262662 -2.138815

1 0 3.341008 0.337642 -1.307053

7 0 -3.253320 0.216255 0.370614

7 0 0.185849 1.418987 -0.504788

1 0 -3.744843 -0.497287 0.904880

1 0 -3.664233 1.110668 0.628460

1 0 -0.226725 -2.990506 2.078639

D6ts1

12 0 -1.273502 -0.083644 0.174048

12 0 1.473057 -0.864070 -0.071185

5 0 0.158893 1.365480 1.576296

5 0 0.627900 1.638321 -1.274239

5 0 -3.019370 -1.533960 -0.053911

5 0 3.268735 -2.027528 -0.164640

7 0 0.345956 -0.075364 1.474039

1 0 0.663141 -0.472244 2.355531

7 0 1.390956 2.153304 -0.124571

1 0 0.223522 2.446932 -2.064516

1 0 -0.066563 -0.006248 -2.253303

1 0 -0.818879 1.837359 1.003984

1 0 2.242997 1.694883 0.186335

1 0 1.540238 3.157352 -0.107054

1 0 -3.904808 -2.297353 -0.339534

1 0 -2.007510 -1.785780 -0.755111

1 0 -2.664927 -1.634310 1.123118

1 0 2.576177 -2.356462 0.812076

1 0 2.584032 -2.188592 -1.187075

1 0 4.289615 -2.645363 -0.211383

1 0 3.488637 -0.799463 -0.060151

7 0 -3.276058 0.030737 -0.269671

7 0 0.292845 0.254509 -1.337654

1 0 -3.974743 0.393966 0.374663

1 0 -3.602540 0.251043 -1.208563

1 0 0.580265 2.022968 2.484097

D6b

12 0 1.256257 -0.034865 -0.232763

12 0 -1.507112 -0.859416 -0.108263

5 0 -0.162859 1.676477 -1.240235

5 0 -0.692822 1.527273 1.394075

5 0 2.877321 -1.634435 -0.176023

5 0 -3.201754 -2.144409 0.171525

7 0 -0.415431 0.177963 -1.433939

1 0 -0.463236 -0.043829 -2.424559

7 0 -1.050331 2.221537 0.054405

1 0 -0.728598 2.216528 2.372691

1 0 -0.154475 -0.197668 2.266596

1 0 1.000072 1.926061 -0.805375

1 0 -2.042454 2.100148 -0.176547

1 0 -0.923863 3.231806 0.145278

1 0 3.695975 -2.506825 -0.042647

1 0 1.792480 -1.981909 0.348718

1 0 2.630746 -1.397916 -1.364892

1 0 -2.734842 -2.279596 -0.969201

1 0 -2.296312 -2.398493 0.985058

1 0 -4.155842 -2.841174 0.348532

1 0 -3.489477 -0.935619 0.310918

7 0 3.189688 -0.202069 0.461282

7 0 -0.339977 0.182036 1.340055

1 0 3.982494 0.249975 0.010966

1 0 3.409254 -0.254260 1.453990

1 0 -0.382277 2.401753 -2.179213

D6ts2

12 0 1.268510 -0.286536 -0.045372

12 0 -1.605341 -0.701965 -0.121876

5 0 -0.527996 1.602735 -1.280869

5 0 -0.842216 1.256378 1.490933

5 0 3.180635 -1.470309 -0.033938

5 0 -3.374077 -1.910300 -0.080675

7 0 -0.245665 0.151276 -1.396373

1 0 -0.169104 -0.116303 -2.375040

7 0 -1.046004 2.003742 0.236009

1 0 -1.246063 1.750254 2.505612

1 0 -0.164060 -0.472664 2.317875

1 0 0.642829 2.353295 -1.153259

1 0 -1.694933 2.784294 0.277207

1 0 0.063644 2.449962 -0.262060

1 0 4.194446 -2.115623 0.007576

1 0 2.400086 -1.820162 0.874975

1 0 2.574810 -1.646726 -1.104870

1 0 -3.197294 -1.478384 -1.226528

1 0 -2.345978 -2.540380 0.246704

1 0 -4.343469 -2.603803 -0.001931

1 0 -3.456569 -0.928332 0.682750

7 0 3.280379 0.119683 0.113805

7 0 -0.248045 -0.033518 1.404201

1 0 3.822404 0.541976 -0.636854

1 0 3.720947 0.399398 0.987624

1 0 -1.126103 2.224412 -2.113562

[(Mg(BH4)2)\*2NH3]2 - 7H2

D7

12 0 1.164311 -0.262925 0.030211

12 0 -1.684080 -0.842530 -0.032132

5 0 -0.674421 1.527957 -1.121642

5 0 -0.680579 1.280985 1.489185

5 0 3.113697 -1.376060 -0.069464

5 0 -3.425518 -2.077467 -0.157515

7 0 -0.384225 0.134358 -1.335776

1 0 -0.320455 -0.093142 -2.324341

7 0 -0.811595 2.007807 0.240400

1 0 -0.819739 1.881442 2.518206

1 0 -0.329973 -0.537525 2.367038

1 0 -1.019529 2.994856 0.333175

1 0 4.151207 -1.980784 -0.126549

1 0 2.427650 -1.755149 0.898526

1 0 2.424216 -1.575649 -1.087904

1 0 -2.856809 -2.040382 -1.257756

1 0 -2.613120 -2.522860 0.672440

1 0 -4.424084 -2.731707 -0.188639

1 0 -3.676070 -0.896268 0.171544

7 0 3.162425 0.216675 0.074406

7 0 -0.390076 -0.127758 1.438823

1 0 3.642185 0.660891 -0.705537

1 0 3.642371 0.513687 0.921290

1 0 -0.808489 2.310691 -2.020606

D7ts

12 0 -1.201637 -0.218576 -0.014773

12 0 1.499738 0.846465 -0.005840

5 0 0.862330 -1.579079 -1.294443

5 0 0.839196 -1.547379 1.331571

5 0 -3.260692 1.464785 -0.128549

5 0 3.049659 2.317041 -0.008809

7 0 0.378569 -0.227678 -1.397660

1 0 0.280793 0.067890 -2.365233

7 0 1.040095 -2.152241 0.027485

1 0 1.076962 -2.200650 2.308412

1 0 0.242163 0.125009 2.352388

1 0 1.378202 -3.107193 0.042054

1 0 -3.912530 1.770313 1.080199

1 0 -2.180983 2.013385 0.083096

1 0 -3.974999 1.989061 -0.938325

1 0 2.364411 2.405293 -1.039878

1 0 2.291601 2.476021 0.962218

1 0 3.947639 3.104088 -0.002709

1 0 3.482123 1.144192 0.048747

7 0 -3.130011 -0.080487 -0.027538

7 0 0.352730 -0.193986 1.393682

1 0 -3.892127 -0.586206 -0.464917

1 0 -3.737616 0.824835 0.961424

1 0 1.115003 -2.256810 -2.250755

[(Mg(BH4)2)\*2NH3]2 - 8H2

D8

12 0 -1.285103 -0.048920 -0.001137

12 0 1.537334 -0.712642 -0.001880

5 0 0.559918 1.577319 1.314388

5 0 0.560010 1.582291 -1.310917

5 0 -3.195782 -1.616310 -0.000239

5 0 3.245540 -1.997620 0.001033

7 0 0.264892 0.170545 1.394591

1 0 0.202425 -0.149068 2.357418

7 0 0.674201 2.188270 0.002964

1 0 0.709975 2.276822 -2.276701

1 0 0.201480 -0.140405 -2.359849

1 0 0.880880 3.180052 0.004921

1 0 -2.051368 -2.105675 -0.001213

1 0 -4.109172 -2.393096 0.000764

1 0 2.631643 -2.105362 1.072629

1 0 2.460403 -2.296672 -0.915118

1 0 4.229175 -2.674160 -0.022998

1 0 3.532568 -0.787390 -0.141423

7 0 -3.225035 -0.234271 0.000232

7 0 0.264631 0.176022 -1.396006

1 0 -4.123593 0.233249 0.001079

1 0 0.709551 2.268087 2.282911

D8ts1

12 0 1.206624 0.369744 -1.038702

12 0 -1.287977 -0.667970 -0.000587

5 0 -0.880310 2.077988 -0.334140

5 0 0.515780 0.870861 1.544585

5 0 1.807685 -1.527546 0.466141

5 0 -3.060885 -1.859954 0.034279

7 0 -0.739130 0.981132 -1.267997

1 0 -1.220655 1.166110 -2.144315

7 0 -0.277669 1.961506 0.976424

1 0 1.118129 1.100405 2.560873

1 0 1.465405 -0.944835 1.672578

1 0 -0.361376 2.785071 1.562001

1 0 2.354313 -1.492287 1.706736

1 0 1.321641 -2.630583 0.426272

1 0 -2.479055 -1.913422 -1.068497

1 0 -2.264228 -2.255905 0.895056

1 0 -4.067181 -2.503038 0.023803

1 0 -3.295672 -0.656065 0.263594

7 0 2.569308 -0.903958 -0.616991

7 0 0.554469 -0.389746 0.870860

1 0 3.216948 -1.509708 -1.107098

1 0 -1.472220 3.083688 -0.609940

Fig. 4.

[(Mg(BH4)2)\*2NH3]2 - 9H2

D9a

12 0 1.126447 0.170577 -1.353372

12 0 -1.321156 -0.455571 0.021991

5 0 -0.927581 2.005772 -0.289910

5 0 0.489784 0.598955 1.459819

5 0 1.887611 -1.348143 0.366700

5 0 -3.104453 -1.638244 0.059320

7 0 -0.681886 1.113035 -1.397535

1 0 -1.129088 1.451742 -2.245698

7 0 -0.583003 1.562082 1.057598

1 0 1.076371 0.826239 2.482918

1 0 -0.867389 2.210862 1.783515

1 0 2.294059 -2.114699 1.199373

1 0 -2.291945 -2.029651 -0.803808

1 0 -2.518969 -1.662117 1.155019

1 0 -4.082606 -2.324125 0.070957

1 0 -3.373467 -0.454690 -0.198934

7 0 2.456119 -1.176847 -0.917144

7 0 0.694859 -0.479753 0.584936

1 0 3.261565 -1.727229 -1.182242

1 0 -1.501047 3.050415 -0.417882

D9ts1

12 0 -1.246137 0.967039 -1.012596

12 0 0.810510 0.203437 1.039244

5 0 1.956471 -0.045161 -1.071237

5 0 0.583716 -1.990211 0.028237

5 0 -1.857255 -1.398809 0.545795

5 0 0.221672 2.580406 1.376387

7 0 0.922727 0.938148 -0.893211

1 0 1.134406 1.816903 -1.358786

7 0 1.908595 -1.227190 -0.192893

1 0 0.512177 -3.073993 -0.488169

1 0 2.719884 -1.826789 -0.301934

1 0 -2.506597 -2.213974 1.157949

1 0 -1.335833 2.733042 -1.055353

1 0 -0.700088 1.840511 1.579177

1 0 0.066905 3.741683 1.227133

1 0 1.350078 2.182855 1.591520

7 0 -2.435272 -0.474667 -0.340061

7 0 -0.394345 -1.314100 0.733948

1 0 -3.445699 -0.540261 -0.422908

1 0 2.897328 0.107839 -1.798801

D9b

12 0 -2.229375 0.434329 1.191156

12 0 0.664691 -1.128694 0.103004

5 0 2.219189 1.214419 0.320864

5 0 -0.115161 1.182060 -1.022772

5 0 -2.064608 -0.516068 -1.089740

5 0 2.767352 -1.417280 -0.203177

7 0 2.392316 -0.167475 0.733999

1 0 2.922677 -0.229884 1.597806

7 0 1.213752 1.627779 -0.620700

1 0 -0.665235 1.887023 -1.827985

1 0 1.396034 2.562879 -0.972015

1 0 -2.086596 -0.788172 -2.263827

1 0 -1.989950 1.165704 2.729679

1 0 2.127556 -2.420883 0.282192

1 0 3.922379 -1.719762 -0.277315

1 0 2.253129 -1.205610 -1.301324

7 0 -3.106176 -0.678806 -0.182624

7 0 -0.794966 0.040253 -0.475835

1 0 -3.987125 -1.048011 -0.516502

1 0 2.914993 2.061185 0.809615

D9ts2

12 0 0.834976 -1.153434 -0.674311

12 0 -0.702388 0.372173 1.251284

5 0 -1.877851 0.433611 -0.900090

5 0 0.326645 1.847026 -0.407461

5 0 2.445037 0.494459 0.429150

5 0 -1.986131 -1.607424 0.741093

7 0 -1.317624 -0.804643 -0.420974

1 0 -0.890562 -1.703003 -1.349454

7 0 -1.188048 1.676553 -0.487608

1 0 0.795202 2.756126 -1.036054

1 0 -1.673451 2.518618 -0.782081

1 0 3.288177 1.226075 0.880964

1 0 -0.193639 -2.254320 -1.850511

1 0 -1.372110 -2.629718 0.974734

1 0 -3.187799 -1.702350 0.743040

1 0 -1.797774 -0.891018 1.921305

7 0 2.661758 -0.803159 -0.052718

7 0 1.012882 0.908922 0.369027

1 0 3.602610 -1.175608 -0.048771

1 0 -2.882986 0.548258 -1.544389

D9c

12 0 2.257063 -0.577778 -1.613971

12 0 0.304857 -1.066210 0.521212

5 0 -1.962148 0.426449 -0.821984

5 0 0.271581 1.810891 -0.499597

5 0 2.217670 0.339784 0.586645

5 0 -1.648926 -0.985491 1.476232

7 0 -1.689601 -0.823339 -0.132005

1 0 -2.298147 -1.553168 -0.493615

7 0 -1.135663 1.602668 -0.747677

1 0 0.668885 2.946212 -0.526001

1 0 -1.609535 2.435803 -1.082277

1 0 2.830996 1.062992 1.319659

1 0 2.700256 -0.951593 -3.218804

1 0 -1.024771 -2.064950 1.682449

1 0 -2.705958 -1.024139 2.040103

1 0 -0.930017 -0.083042 1.909312

7 0 2.410859 -1.102024 0.448607

7 0 1.135156 0.683873 -0.304876

1 0 3.142796 -1.561389 0.982769

1 0 -2.935349 0.484450 -1.526182

D9ts3

12 0 -0.651200 -0.838198 1.276422

12 0 0.735787 1.249815 -0.243962

5 0 -1.923561 -0.168742 -0.762310

5 0 0.163547 -1.732909 -0.787447

5 0 2.412679 -0.663605 0.083328

5 0 -1.210988 2.340089 -0.162500

7 0 -1.382344 0.804362 0.120849

1 0 -1.858211 0.547643 1.503348

7 0 -1.351046 -1.552328 -0.600436

1 0 0.515354 -2.415259 -1.709290

1 0 -1.888633 -2.265838 -1.082304

1 0 3.284022 -1.485311 0.210428

1 0 -1.888748 0.103634 2.355410

1 0 -0.446709 2.779674 0.728337

1 0 -2.177805 3.042484 -0.288888

1 0 -0.523423 2.438004 -1.232525

7 0 2.613953 0.713413 -0.081864

7 0 0.973524 -1.053495 0.128972

1 0 3.562390 1.064595 -0.115330

1 0 -2.780270 -0.006859 -1.586702

[(Mg(BH4)2)\*2NH3]2 - 10H2

D10a

12 0 -0.620152 -0.664632 1.182853

12 0 0.950347 1.189880 -0.379893

5 0 -1.638653 -0.198347 -0.914570

5 0 0.326750 -1.903315 -0.623658

5 0 2.530258 -0.786499 0.277974

5 0 -0.962339 2.330668 -0.310221

7 0 -1.152048 0.798539 -0.052589

7 0 -1.176329 -1.624952 -0.592329

1 0 0.730953 -2.693044 -1.433653

1 0 -1.726651 -2.337706 -1.058255

1 0 3.388542 -1.581082 0.571389

1 0 -0.176492 2.753369 0.573496

1 0 -1.918909 3.054787 -0.395635

1 0 -0.282798 2.443917 -1.388365

7 0 2.776026 0.553798 -0.065202

7 0 1.094740 -1.164770 0.290233

1 0 3.736458 0.873761 -0.080499

1 0 -2.343558 -0.050243 -1.876032

D10ts1

12 0 -0.180890 -0.790992 1.270940

12 0 0.167615 1.743593 -0.513469

5 0 -1.790980 -0.811824 -0.514344

5 0 0.670769 -1.737180 -0.776953

5 0 2.462475 -0.010332 0.116873

5 0 -2.331703 1.533752 0.294400

7 0 -1.458059 0.366106 0.252148

7 0 -0.829452 -1.936978 -0.470704

1 0 1.055504 -2.161654 -1.834574

1 0 -1.213648 -2.779138 -0.887514

1 0 3.615368 -0.314249 0.306846

1 0 -2.193659 2.320873 1.191488

1 0 -3.294016 1.605219 -0.413928

1 0 -1.044530 2.890018 -1.019700

7 0 2.053224 1.326320 -0.065427

7 0 1.405262 -1.028573 0.157378

1 0 2.813563 2.001267 -0.051238

1 0 -2.828925 -0.953757 -1.094671

D10b

12 0 -0.117821 -1.059816 -0.152744

12 0 2.369971 0.003898 1.042118

5 0 -2.352732 0.755728 0.153041

5 0 0.003040 1.970386 -0.245087

5 0 1.629404 0.089039 -1.212849

5 0 -2.978620 -1.646848 0.308726

7 0 -2.005417 -0.641194 0.126097

7 0 -1.412976 1.851848 -0.034127

1 0 0.443258 3.080938 -0.392648

1 0 -1.879978 2.752875 -0.015426

1 0 1.970452 0.460112 -2.300646

1 0 -2.636149 -2.811845 0.285840

1 0 -4.141104 -1.396716 0.487930

1 0 3.298570 0.156060 2.463391

7 0 1.896557 -1.238733 -0.643954

7 0 0.857601 0.807277 -0.236483

1 0 2.467588 -1.899008 -1.163509

1 0 -3.496109 1.083118 0.334052

D10ts2

12 0 0.263631 1.215721 -0.024171

12 0 -2.044397 -0.755988 1.383295

5 0 2.110364 -1.021807 -0.117371

5 0 -0.387829 -1.539932 -0.909257

5 0 -1.878509 0.639371 -0.989899

5 0 3.145440 1.068037 0.721798

7 0 2.022106 0.364551 0.238773

7 0 0.999117 -1.805795 -0.656320

1 0 -0.974566 -2.301579 -1.638035

1 0 1.309757 -2.700112 -1.023177

1 0 -2.733416 0.361981 -1.792501

1 0 3.037790 2.247605 0.988249

1 0 4.216328 0.543305 0.885594

1 0 -2.849507 -1.074197 2.839244

7 0 -1.503826 1.932705 -0.589773

7 0 -1.053677 -0.410633 -0.288990

1 0 -1.984655 2.725770 -0.997857

1 0 3.154080 -1.613703 -0.023190

D10c

12 0 -0.642020 1.218355 -0.313219

12 0 0.573911 -0.822969 1.399163

5 0 1.903903 -0.322043 -0.749812

5 0 -0.397788 -1.650090 -0.766373

5 0 -2.485402 -0.304449 0.106462

5 0 2.185712 2.013252 0.100442

7 0 1.360626 0.880238 -0.148754

7 0 1.107387 -1.542510 -0.744492

1 0 -0.874282 -2.451313 -1.522722

1 0 1.591866 -2.335080 -1.153987

1 0 -3.421967 -1.031042 0.307181

1 0 1.665466 3.034074 0.491803

1 0 3.373863 1.996886 -0.066727

1 0 1.157613 -1.085446 2.981209

7 0 -2.571416 1.083419 -0.135452

7 0 -1.075055 -0.798855 0.114313

1 0 -3.477133 1.532174 -0.147299

1 0 3.018465 -0.378851 -1.184251

D10ts3

12 0 -0.311899 -1.424293 -0.033939

12 0 -0.127489 1.969762 -0.901229

5 0 1.972834 0.426706 0.281711

5 0 -0.348944 0.861347 1.112617

5 0 -2.518268 -0.190349 -0.014338

5 0 2.579585 -1.932887 -0.353898

7 0 1.623500 -0.965561 0.005930

7 0 0.967663 1.370772 0.705535

1 0 -0.617045 0.567118 2.249428

1 0 1.007438 2.895043 0.341934

1 0 -3.610226 0.313104 -0.082535

1 0 2.213354 -3.066379 -0.602465

1 0 3.756471 -1.688636 -0.438692

1 0 0.746341 3.584911 -0.202725

7 0 -2.260932 -1.570200 -0.055598

7 0 -1.287347 0.652891 0.037656

1 0 -3.046231 -2.206487 -0.100720

1 0 3.096333 0.816292 0.072669

Fig. 6.

[(Mg(BH4)2)\*2NH3]2 - 11H2

D11a

12 0 -0.313501 -1.442266 0.089461

12 0 -0.144772 2.026056 -0.833067

5 0 1.962505 0.468761 0.251378

5 0 -0.308666 0.809378 1.051461

5 0 -2.537320 -0.154599 -0.035675

5 0 2.561960 -1.921182 -0.293115

7 0 1.616125 -0.942113 0.061385

7 0 0.962565 1.423619 0.685573

1 0 -0.423608 0.219469 2.103528

1 0 -3.638868 0.315215 -0.172651

1 0 2.190981 -3.066851 -0.476256

1 0 3.733290 -1.678684 -0.438528

7 0 -2.259474 -1.533449 -0.042140

7 0 -1.353086 0.735505 0.075629

1 0 -3.039445 -2.174519 -0.112759

1 0 3.072672 0.848861 -0.032091

D11ts1

12 0 0.053375 -0.924464 1.212933

12 0 -0.169218 0.096968 -1.178161

5 0 1.698860 1.230706 0.087223

5 0 -0.782377 1.431655 0.507871

5 0 -2.402374 -0.409348 -0.148144

5 0 2.732569 -1.103619 -0.312107

7 0 1.618801 -0.261830 -0.064933

7 0 0.446424 1.880240 0.126336

1 0 -0.517931 0.528454 2.093376

1 0 -3.561164 -0.717574 -0.228377

1 0 2.566181 -2.303177 -0.361621

1 0 3.842033 -0.670187 -0.474072

7 0 -1.324365 -1.410463 -0.298129

7 0 -1.928110 0.921215 0.000463

1 0 -1.623279 -2.347227 -0.559789

1 0 2.761628 1.788561 0.092842

D11b

12 0 0.278644 -1.312009 1.149753

12 0 -0.331064 -0.135024 -1.276335

5 0 1.631690 1.242542 0.412521

5 0 -0.689894 1.711895 0.301076

5 0 -2.345011 -0.118258 0.067391

5 0 2.532202 -0.790389 -0.866312

7 0 1.443803 -0.099996 -0.262203

7 0 0.503678 2.015400 0.775231

1 0 0.661940 -2.224844 2.539448

1 0 -3.480998 -0.187026 0.443908

1 0 2.300031 -1.815753 -1.474007

1 0 3.661199 -0.391879 -0.817183

7 0 -1.498706 -1.293073 -0.084929

7 0 -1.723472 1.139641 -0.335107

1 0 -1.994099 -2.179043 -0.017593

1 0 2.758913 1.600188 0.620080

D11ts2

12 0 0.961334 2.045000 -0.668497

12 0 -0.263113 -1.378770 -0.266559

5 0 -1.568785 1.036525 0.391980

5 0 0.556700 0.301936 1.283045

5 0 2.166103 -1.120717 0.222657

5 0 -3.235996 -0.641058 -0.399331

7 0 -1.914955 -0.283902 -0.039424

7 0 -0.184989 1.358369 0.847519

1 0 1.767129 3.012814 -1.799653

1 0 3.340424 -1.270575 0.424638

1 0 -3.460851 -1.756521 -0.811782

1 0 -4.150757 0.134283 -0.309148

7 0 1.540249 -1.192852 -1.048729

7 0 1.241413 -0.809575 1.347039

1 0 2.111718 -1.451133 -1.845037

1 0 -2.348445 1.948662 0.325060

D11c

12 0 -3.328555 -0.927702 0.001095

12 0 1.528202 0.721030 0.000009

5 0 -1.409330 0.668488 -0.000523

5 0 -0.092911 -1.289589 -0.000501

5 0 2.644717 -1.480091 0.000860

5 0 -0.449696 2.962964 -0.000079

7 0 -0.299250 1.559126 -0.000484

7 0 -1.372837 -0.780365 -0.000928

1 0 -4.966263 -1.363381 0.000817

1 0 3.225138 -2.530814 0.001440

1 0 0.536080 3.666296 0.000035

1 0 -1.531102 3.492456 0.000019

7 0 3.239081 -0.205511 0.000995

7 0 1.174280 -1.452610 0.000109

1 0 4.247487 -0.140676 0.001593

1 0 -2.564291 1.127554 0.000041

D11ts3

12 0 -3.714082 -1.137382 -0.000094

12 0 1.643687 0.639622 0.000045

5 0 -1.098806 0.730555 0.000002

5 0 -0.210355 -1.220137 -0.000041

5 0 2.504960 -1.663705 -0.000006

5 0 -0.190943 3.115286 0.000091

7 0 -0.121304 1.701555 0.000047

7 0 -1.432608 -0.581142 -0.000043

1 0 -3.415483 1.159888 -0.000022

1 0 2.965592 -2.770873 -0.000029

1 0 0.835961 3.744555 0.000128

1 0 -1.241915 3.692436 0.000092

7 0 3.239517 -0.462316 0.000041

7 0 1.047538 -1.469262 -0.000027

1 0 4.249061 -0.504905 0.000059

1 0 -2.704763 1.520172 -0.000001

D12

12 0 3.949071 -0.431312 -0.003449

12 0 -1.230672 0.873456 -0.000093

5 0 1.180578 -0.382271 -0.000631

5 0 -0.562551 -1.628824 -0.000034

5 0 -3.137116 -0.658864 0.001908

5 0 1.494478 2.201689 -0.001953

7 0 0.840809 0.960599 -0.001132

7 0 0.808263 -1.664838 0.000523

1 0 -4.102747 -1.372270 0.003562

1 0 0.839295 3.213523 -0.001561

1 0 2.696536 2.289589 -0.002013

7 0 -3.164557 0.753046 0.003089

7 0 -1.788064 -1.230346 -0.000616

1 0 -4.056855 1.226859 0.005146

2D9a

12 0 1.356385 -0.185551 0.385202

12 0 4.013884 1.029228 -0.191536

5 0 3.870594 -1.509476 -0.212506

5 0 2.730416 -0.113795 -2.162165

5 0 1.226457 1.886278 -1.077326

5 0 5.556191 2.478014 0.110646

7 0 3.335662 -0.682371 0.839220

1 0 3.612509 -1.021360 1.756860

7 0 3.711804 -1.064645 -1.593007

1 0 2.438590 -0.247920 -3.319817

1 0 4.170868 -1.658550 -2.274730

1 0 1.344050 3.002268 -1.511627

1 0 4.542831 2.706116 0.804633

1 0 5.190348 2.447466 -1.076061

1 0 6.395623 3.308517 0.290270

1 0 5.958234 1.342729 0.411208

7 0 0.182667 1.544685 -0.130533

7 0 2.210680 0.857060 -1.289410

1 0 -0.254259 2.382894 0.252873

1 0 4.501634 -2.507028 -0.004922

12 0 -1.356385 0.185551 -0.385202

12 0 -4.013884 -1.029228 0.191536

5 0 -3.870594 1.509476 0.212506

5 0 -2.730416 0.113795 2.162165

5 0 -1.226457 -1.886278 1.077326

5 0 -5.556191 -2.478014 -0.110646

7 0 -3.335662 0.682371 -0.839220

1 0 -3.612509 1.021360 -1.756860

7 0 -3.711804 1.064645 1.593007

1 0 -2.438590 0.247920 3.319817

1 0 -4.170868 1.658550 2.274730

1 0 -1.344050 -3.002268 1.511627

1 0 -4.542831 -2.706116 -0.804633

1 0 -5.190348 -2.447466 1.076061

1 0 -6.395623 -3.308517 -0.290270

1 0 -5.958234 -1.342729 -0.411208

7 0 -0.182667 -1.544685 0.130533

7 0 -2.210680 -0.857060 1.289410

1 0 0.254259 -2.382894 -0.252873

1 0 -4.501634 2.507028 0.004922

2D10b

12 0 0.667745 -1.047493 -1.183261

12 0 0.178819 -0.011357 -3.631949

5 0 -1.875519 0.486572 -1.399467

5 0 0.255007 2.021165 -1.435647

5 0 2.315009 0.434466 -2.258515

5 0 -2.068298 -1.762996 -2.373781

7 0 -1.238834 -0.666237 -1.977382

7 0 -1.109084 1.645622 -0.836335

1 0 0.381098 3.184230 -1.713129

1 0 -1.733027 2.450063 -0.756758

1 0 3.411520 0.920412 -2.277046

1 0 -1.539020 -2.748381 -2.830515

1 0 -3.261431 -1.741203 -2.265363

1 0 -0.366355 0.617689 -5.128458

7 0 1.963813 -0.860246 -2.808009

7 0 1.129407 0.981168 -1.633176

1 0 2.689064 -1.393322 -3.278037

1 0 -3.066953 0.591972 -1.336743

12 0 -0.667745 1.047493 1.183261

12 0 -0.178819 0.011357 3.631949

5 0 1.875519 -0.486572 1.399467

5 0 -0.255007 -2.021165 1.435647

5 0 -2.315009 -0.434466 2.258515

5 0 2.068298 1.762996 2.373781

7 0 1.238834 0.666237 1.977382

7 0 1.109084 -1.645622 0.836335

1 0 -0.381098 -3.184230 1.713129

1 0 1.733027 -2.450063 0.756758

1 0 -3.411520 -0.920412 2.277046

1 0 1.539020 2.748381 2.830515

1 0 3.261431 1.741203 2.265363

1 0 0.366355 -0.617689 5.128458

7 0 -1.963813 0.860246 2.808009

7 0 -1.129407 -0.981168 1.633176

1 0 -2.689064 1.393322 3.278037

1 0 3.066953 -0.591972 1.336743

2D11c

12 0 -3.427969 0.596968 -1.048316

12 0 1.450448 1.367168 0.192146

5 0 -1.338839 1.752208 -0.290330

5 0 0.022662 0.533213 -1.739147

5 0 2.736037 0.661962 -1.825551

5 0 -0.434372 3.586561 1.099806

7 0 -0.258567 2.411008 0.327673

7 0 -1.257846 0.597040 -1.230039

1 0 3.404538 0.626371 -2.817812

1 0 0.513379 4.068371 1.672680

1 0 -1.506154 4.122436 1.201352

7 0 3.308319 0.868592 -0.505767

7 0 1.301428 0.565986 -1.878874

1 0 4.254615 1.240679 -0.559956

12 0 3.428023 -0.596817 1.048042

12 0 -1.450394 -1.366998 -0.192380

5 0 1.338889 -1.752047 0.290078

5 0 -0.022606 -0.533047 1.738894

5 0 -2.735984 -0.661784 1.825303

5 0 0.434420 -3.586379 -1.100083

7 0 0.258616 -2.410841 -0.327927

7 0 1.257903 -0.596879 1.229790

1 0 -3.404482 -0.626178 2.817565

1 0 -0.513347 -4.068222 -1.672903

1 0 1.506184 -4.122299 -1.201577

7 0 -3.308266 -0.868423 0.505521

7 0 -1.301372 -0.565811 1.878622

1 0 -4.254569 -1.240490 0.559705

1 0 -4.754112 0.920375 -2.076339

1 0 4.754167 -0.920254 2.076056

1 0 -2.482817 2.118352 -0.031854

1 0 2.482866 -2.118193 0.031599

2D12

12 0 -3.202898 1.380700 -0.576060

12 0 1.476650 1.145816 0.697094

5 0 -0.941802 1.715083 -0.684606

5 0 0.766108 0.536768 -1.693887

5 0 3.354027 0.903894 -1.079444

5 0 -0.313773 3.625519 0.842664

7 0 -0.056291 2.413168 0.176816

7 0 -0.592790 0.571471 -1.534807

1 0 4.238046 1.290063 -1.794267

1 0 0.516129 4.083230 1.597084

1 0 -1.347436 4.231915 0.701360

7 0 3.527930 0.700729 0.352477

7 0 2.048733 0.604072 -1.551474

1 0 4.393147 1.091890 0.722650

12 0 3.202923 -1.380826 0.575900

12 0 -1.476648 -1.145854 -0.697150

5 0 0.941727 -1.714885 0.684772

5 0 -0.766245 -0.536772 1.693977

5 0 -3.354126 -0.904024 1.079489

5 0 0.314150 -3.625211 -0.842827

7 0 0.056347 -2.413069 -0.176734

7 0 0.592663 -0.571366 1.534956

1 0 -4.238233 -1.290196 1.794200

1 0 -0.515599 -4.082966 -1.597388

1 0 1.348042 -4.231282 -0.701761

7 0 -3.527958 -0.700781 -0.352457

7 0 -2.048856 -0.604330 1.551609

1 0 -4.393208 -1.091809 -0.722696

Fig. 7

T18a

12 0 -0.000042 -1.421992 0.000017

12 0 1.846970 0.465266 -0.845568

5 0 2.683912 -2.366870 -0.827046

5 0 2.531442 -1.195491 1.494267

5 0 0.887578 0.581609 2.088773

5 0 2.539346 2.943664 -0.398096

7 0 1.620897 -1.580552 -1.390168

1 0 1.438070 -1.839301 -2.357870

7 0 3.081367 -2.137018 0.543877

1 0 2.996958 -1.192685 2.601917

1 0 3.834708 -2.719154 0.889641

1 0 1.288191 0.604504 3.224561

1 0 2.173221 2.279008 0.557801

1 0 3.476278 3.621678 -0.080101

1 0 2.856466 2.185888 -1.340712

1 0 1.600356 3.666374 -0.795271

7 0 -0.198638 1.439732 1.688251

7 0 1.462726 -0.311770 1.105750

1 0 -0.520572 2.013947 2.468737

1 0 3.260775 -3.216206 -1.453491

12 0 0.000055 2.642424 0.000008

12 0 -1.846977 0.465373 0.845541

5 0 -2.684023 -2.366747 0.827067

5 0 -2.531476 -1.195418 -1.494270

5 0 -0.887555 0.581633 -2.088773

5 0 -2.539148 2.943787 0.398054

7 0 -1.621003 -1.580442 1.390197

1 0 -1.438204 -1.839174 2.357909

7 0 -3.081436 -2.136920 -0.543874

1 0 -2.996970 -1.192623 -2.601930

1 0 -3.834780 -2.719049 -0.889643

1 0 -1.288152 0.604530 -3.224566

1 0 -1.600160 3.666468 0.795275

1 0 -2.856363 2.186092 1.340693

1 0 -2.172956 2.279060 -0.557767

1 0 -3.476026 3.621823 0.079945

7 0 0.198690 1.439722 -1.688249

7 0 -1.462748 -0.311713 -1.105748

1 0 0.520649 2.013920 -2.468737

1 0 -3.260922 -3.216056 1.453515

T18ts1

12 0 0.741839 -1.234497 -0.021499

12 0 1.751989 1.282348 -0.885040

5 0 3.540630 -0.978643 -0.712923

5 0 2.805421 0.130657 1.543614

5 0 0.535567 0.949371 2.085094

5 0 -0.239615 4.282291 -0.432844

7 0 2.264089 -0.799004 -1.341696

1 0 2.272193 -1.132718 -2.302716

7 0 3.728739 -0.535165 0.654788

1 0 3.210078 0.429704 2.635131

1 0 4.660152 -0.673020 1.028565

1 0 0.906863 1.299659 3.177778

1 0 0.265211 3.863643 0.561537

1 0 0.330195 4.996025 -1.185207

1 0 2.612175 2.761738 -1.240690

1 0 -1.419608 4.093034 -0.633509

7 0 -0.880079 1.069899 1.770368

7 0 1.449821 0.399259 1.122317

1 0 -1.394646 1.422255 2.578793

1 0 4.475861 -1.484070 -1.274897

12 0 -1.490510 2.088520 0.100410

12 0 -1.765021 -0.630080 0.947378

5 0 -1.229990 -3.402109 0.518289

5 0 -1.650419 -1.946799 -1.615852

5 0 -0.853555 0.358403 -1.997546

5 0 -3.748488 1.240879 0.445686

7 0 -0.599226 -2.331477 1.241272

1 0 -0.281982 -2.628747 2.161343

7 0 -1.756977 -3.140697 -0.802710

1 0 -2.047880 -2.021856 -2.745944

1 0 -2.190415 -3.933174 -1.261768

1 0 -1.056584 0.220090 -3.176269

1 0 -3.334441 2.205964 1.099815

1 0 -3.562258 0.200197 1.124560

1 0 -3.148927 1.137630 -0.621323

1 0 -4.920030 1.351230 0.220391

7 0 -0.325221 1.626241 -1.523693

7 0 -1.088981 -0.733260 -1.072982

1 0 -0.234169 2.265213 -2.313042

1 0 -1.344268 -4.509127 0.971231

T18b

12 0 0.694712 -1.151687 -0.169751

12 0 2.158546 1.288332 -0.585008

5 0 3.538754 -1.210538 -0.582664

5 0 2.717585 -0.271334 1.728000

5 0 0.522821 0.657812 2.266850

5 0 -0.315808 3.158134 -0.884158

7 0 2.366642 -0.787661 -1.290634

1 0 2.433259 -0.994374 -2.284235

7 0 3.630242 -0.953481 0.841893

1 0 3.054609 -0.157613 2.874704

1 0 4.497988 -1.246805 1.274974

1 0 0.887265 0.800913 3.406888

1 0 0.027367 3.182467 0.321339

1 0 -0.003099 4.225973 -1.328597

1 0 3.381348 2.512461 -0.643611

1 0 -1.577850 3.132854 -0.942073

7 0 -0.897309 0.873356 1.999742

7 0 1.440025 0.221164 1.248716

1 0 -1.381417 0.995634 2.891906

1 0 4.459718 -1.767052 -1.117377

12 0 -1.649114 2.303196 0.781456

12 0 -1.829946 -0.528712 0.769821

5 0 -1.660574 -3.094102 -0.054181

5 0 -1.808509 -1.222356 -1.893164

5 0 -0.377326 0.729688 -2.094305

5 0 -3.806470 1.168342 0.836322

7 0 -0.785700 -2.332972 0.784495

1 0 -0.504190 -2.840748 1.619784

7 0 -2.227315 -2.437559 -1.219515

1 0 -2.197737 -1.075650 -3.017396

1 0 -2.867430 -3.009411 -1.758990

1 0 -0.302642 0.483967 -3.270331

1 0 -3.475923 2.096575 1.601960

1 0 -3.636628 0.101799 1.451411

1 0 -3.104114 1.180062 -0.174429

1 0 -4.949624 1.292556 0.505778

7 0 0.302869 1.950206 -1.670202

7 0 -0.999419 -0.233028 -1.212763

1 0 0.723601 2.367104 -2.498588

1 0 -1.985682 -4.225186 0.179888

T18ts2

12 0 -1.086611 1.019066 -0.031345

12 0 -1.242117 -1.572163 -0.757203

5 0 -3.714844 -0.061738 -0.790781

5 0 -2.819564 -0.839293 1.540594

5 0 -0.428604 -1.007678 2.197770

5 0 1.928556 -2.901065 -1.414360

7 0 -2.403360 0.099413 -1.351543

1 0 -2.440379 0.384143 -2.327684

7 0 -3.847257 -0.513124 0.579634

1 0 -3.174186 -1.166705 2.640108

1 0 -4.798203 -0.605815 0.916724

1 0 -0.766681 -1.333860 3.307706

1 0 1.778915 -3.587806 -0.345699

1 0 1.849094 -3.659119 -2.340554

1 0 -1.019023 -2.920817 -2.040260

1 0 3.060489 -2.415075 -1.323691

7 0 0.978746 -0.817061 1.928890

7 0 -1.423405 -0.765129 1.172115

1 0 1.505868 -0.913373 2.798863

1 0 -4.717075 0.159950 -1.414605

12 0 2.052564 -1.805340 0.473292

12 0 1.493473 0.971410 0.923053

5 0 0.260525 3.542871 0.298185

5 0 0.998592 2.085255 -1.757876

5 0 1.147020 -0.391534 -1.864974

5 0 3.806902 -0.033059 0.930317

7 0 -0.024633 2.406805 1.136970

1 0 -0.348150 2.689870 2.059323

7 0 0.721912 3.323234 -1.052516

1 0 1.410622 2.183457 -2.880098

1 0 0.905952 4.164888 -1.586254

1 0 1.714965 -0.286431 -2.920091

1 0 3.731374 -1.117058 1.523478

1 0 3.341189 0.845118 1.685226

1 0 3.141218 -0.074166 -0.104688

1 0 4.936295 0.231010 0.633896

7 0 0.844535 -1.706871 -1.298787

7 0 0.773851 0.809393 -1.120984

1 0 -0.077929 -2.432192 -1.906964

1 0 0.122276 4.672896 0.680870

T19a

12 0 -0.952686 0.942129 -0.142521

12 0 -0.857155 -1.685267 -0.750350

5 0 -3.461234 -0.385606 -1.006803

5 0 -2.671757 -0.967286 1.415067

5 0 -0.315496 -0.957233 2.212563

5 0 1.194399 -2.912684 -1.363827

7 0 -2.126094 -0.191211 -1.503650

1 0 -2.122457 0.058027 -2.490559

7 0 -3.656955 -0.762070 0.375487

1 0 -3.078761 -1.249430 2.509821

1 0 -4.620996 -0.883377 0.662262

1 0 -0.692542 -1.258003 3.317860

1 0 1.872669 -3.407998 -0.360305

1 0 0.015820 -3.432488 -1.128429

1 0 1.617888 -3.419101 -2.373504

7 0 1.089995 -0.696447 2.000948

7 0 -1.266572 -0.827230 1.125143

1 0 1.592457 -0.755818 2.887942

1 0 -4.431912 -0.246461 -1.701893

12 0 2.175805 -1.646685 0.519629

12 0 1.533136 1.110048 0.975004

5 0 0.129034 3.609910 0.408273

5 0 1.129078 2.351464 -1.657280

5 0 1.310021 -0.174190 -1.838833

5 0 3.955224 0.009901 0.957786

7 0 -0.127766 2.401670 1.154187

1 0 -0.549989 2.604765 2.057809

7 0 0.725413 3.528588 -0.902218

1 0 1.572946 2.535263 -2.759024

1 0 0.872577 4.415680 -1.368910

1 0 1.719864 -0.090293 -2.970808

1 0 3.844123 -1.059815 1.582264

1 0 3.421327 0.904032 1.650038

1 0 3.388546 -0.059543 -0.126953

1 0 5.109928 0.271405 0.775528

7 0 1.095681 -1.403810 -1.164693

7 0 0.979014 1.048273 -1.081019

1 0 -0.142711 4.696208 0.847250

T19ts1

12 0 0.778683 1.101692 -0.052145

12 0 1.448236 -1.342830 0.861844

5 0 3.664177 0.359268 0.314687

5 0 2.500116 -0.750908 -1.754922

5 0 0.072247 -1.029039 -2.079964

5 0 -0.127791 -2.855108 1.986478

7 0 2.456331 0.447205 1.087202

1 0 2.614122 0.879503 1.994770

7 0 3.628773 -0.272564 -0.987390

1 0 2.719276 -1.108941 -2.879896

1 0 4.517326 -0.304201 -1.473532

1 0 0.276470 -1.196843 -3.255288

1 0 -0.722611 -3.636587 1.121769

1 0 1.123169 -3.104384 1.686579

1 0 -0.326692 -3.305377 3.086364

7 0 -1.316470 -0.999776 -1.628360

7 0 1.177172 -0.791829 -1.173336

1 0 -1.922262 -1.109886 -2.441398

1 0 4.715770 0.781598 0.712715

12 0 -1.430063 -2.110527 0.058207

12 0 -1.930064 0.999103 -0.810881

5 0 -0.678455 3.547898 -0.550017

5 0 -1.266090 2.284864 1.680336

5 0 -0.925621 -0.166401 2.102705

5 0 -3.608128 -2.485003 -1.014440

7 0 -0.301053 2.358711 -1.265779

1 0 -0.038960 2.570313 -2.225481

7 0 -1.123300 3.447857 0.822890

1 0 -1.647811 2.480363 2.803508

1 0 -1.392794 4.326609 1.249134

1 0 -1.297766 -0.041262 3.244028

1 0 -2.850715 -3.404966 -1.170458

1 0 -3.644351 1.070263 -1.132561

1 0 -3.610549 -1.879841 0.024372

1 0 -4.429891 -2.241106 -1.829276

7 0 -0.434944 -1.408774 1.594028

7 0 -0.942068 0.974832 1.183999

1 0 -0.646595 4.638015 -1.056725

T19b

12 0 0.730606 1.153891 -0.121471

12 0 -1.821070 0.452770 -0.666640

5 0 -1.377886 3.243601 -0.742427

5 0 -1.580104 2.149802 1.625146

5 0 -0.475051 0.083338 2.328131

5 0 -2.569021 -1.502682 -2.015315

7 0 -0.729817 2.102122 -1.319280

1 0 -0.504383 2.242441 -2.301801

7 0 -1.825876 3.170840 0.633305

1 0 -1.857536 2.421844 2.760685

1 0 -2.262341 4.012817 0.990448

1 0 -0.199121 0.630631 3.365091

1 0 -3.141795 -2.488993 -1.361497

1 0 -3.313792 -0.513917 -1.632553

1 0 -2.760943 -1.703710 -3.186115

7 0 -0.049433 -1.315946 2.224587

7 0 -1.043613 0.854894 1.253388

1 0 0.457034 -1.548572 3.078253

1 0 -1.581090 4.255894 -1.355346

12 0 -1.630466 -2.694098 -0.178785

12 0 1.801047 -1.291583 0.850584

5 0 3.574327 0.875591 0.238932

5 0 2.522275 -0.416915 -1.790207

5 0 0.158932 -1.156142 -2.004539

5 0 -1.025336 -2.503785 2.014854

7 0 2.383269 0.811742 1.040593

1 0 2.523707 1.238495 1.953063

7 0 3.570645 0.290873 -1.084921

1 0 2.776097 -0.800594 -2.899911

1 0 4.447334 0.362270 -1.587769

1 0 0.358870 -1.440954 -3.160052

1 0 -2.132547 -2.100161 1.577774

1 0 2.667799 -2.749845 1.215730

1 0 -0.555080 -3.375157 1.187295

1 0 -1.261490 -3.155086 2.995454

7 0 -1.153624 -1.289955 -1.439082

7 0 1.232404 -0.623462 -1.176206

1 0 4.585476 1.397578 0.626020

T19ts2

12 0 -1.076052 0.928412 -0.040917

12 0 1.427740 1.166153 0.910265

5 0 0.011152 3.616520 0.312013

5 0 0.973110 2.286992 -1.740191

5 0 1.247545 -0.170647 -1.956658

5 0 2.632732 -0.467369 2.307530

7 0 -0.203619 2.443370 1.118257

1 0 -0.581932 2.674432 2.034169

7 0 0.571717 3.474175 -1.012458

1 0 1.408809 2.451110 -2.845732

1 0 0.700724 4.343125 -1.517967

1 0 1.800846 0.024560 -3.008139

1 0 3.474697 -1.179432 1.656703

1 0 3.021940 0.740548 1.958479

1 0 2.848033 -0.577125 3.488114

7 0 1.019533 -1.541076 -1.498089

7 0 0.843537 0.975833 -1.142280

1 0 0.121785 -2.339175 -2.089780

1 0 -0.257050 4.719349 0.703592

12 0 2.078453 -1.829298 0.318288

12 0 -1.032590 -1.648241 -0.800565

5 0 -3.606776 -0.379486 -0.709580

5 0 -2.544167 -1.089027 1.582184

5 0 -0.083767 -0.988276 2.141871

5 0 2.245396 -2.565555 -1.709543

7 0 -2.342738 -0.080454 -1.331072

1 0 -2.458376 0.208601 -2.299591

7 0 -3.636361 -0.862085 0.652955

1 0 -2.834967 -1.437958 2.694268

1 0 -4.561077 -1.045916 1.024233

1 0 -0.335242 -1.286274 3.284067

1 0 3.288327 -1.992633 -1.309966

1 0 -0.746467 -2.924840 -2.161088

1 0 2.054262 -3.486135 -0.855138

1 0 2.438220 -3.050193 -2.788284

7 0 1.233744 -0.691366 1.701941

7 0 -1.182801 -0.892023 1.159133

1 0 -4.650344 -0.246724 -1.289640

T19ts3

12 0 0.606511 -1.328969 -0.148425

12 0 1.733036 1.090255 -0.624385

5 0 3.483133 -1.246315 -0.328074

5 0 2.476120 -0.232240 1.872396

5 0 0.344633 0.994338 2.122254

5 0 0.768198 3.004058 -1.743469

7 0 2.370864 -0.847725 -1.147657

1 0 2.507568 -1.096445 -2.124871

7 0 3.455965 -0.955301 1.088316

1 0 2.725933 -0.070290 3.035741

1 0 4.270204 -1.264117 1.606466

1 0 0.691610 1.330378 3.226431

1 0 0.463156 3.950198 -0.976323

1 0 2.033702 2.806188 -1.377481

1 0 0.824666 3.373673 -2.891355

7 0 -0.994875 1.367119 1.690430

7 0 1.258978 0.254786 1.267169

1 0 -1.469839 1.823064 2.468780

1 0 4.438868 -1.819912 -0.774899

12 0 -1.066428 2.812215 0.052526

12 0 -1.683802 -0.306962 0.693667

5 0 -1.645586 -3.170455 0.200813

5 0 -1.748990 -1.604907 -1.900548

5 0 -0.683181 0.701357 -2.048368

5 0 -3.780906 0.877051 1.427171

7 0 -0.905067 -2.226848 1.003935

1 0 -0.706543 -2.595198 1.931434

7 0 -2.023526 -2.820849 -1.145752

1 0 -2.124574 -1.576833 -3.041165

1 0 -2.529966 -3.537226 -1.652747

1 0 -0.912586 0.729237 -3.233440

1 0 -2.452464 3.817209 0.327302

1 0 -3.446938 -0.065079 2.096366

1 0 -3.601162 0.856424 0.241875

1 0 -4.385457 1.765125 1.922324

7 0 -0.034615 1.745007 -1.349800

7 0 -1.057208 -0.514430 -1.277872

1 0 -1.958715 -4.251613 0.622709

Fig. 8.

T19c

12 0 1.990774 0.181202 -0.850235

12 0 -0.849463 1.308335 -1.038430

5 0 1.516622 3.035457 -0.714224

5 0 0.120771 2.471261 1.471498

5 0 -1.924165 1.083962 1.657139

5 0 -2.582994 0.156370 -2.260574

7 0 1.112269 1.906573 -1.529176

1 0 1.307119 2.091356 -2.513604

7 0 1.140504 3.125595 0.668483

1 0 -0.084630 2.987187 2.537380

1 0 1.533406 3.936353 1.134830

1 0 -2.607409 2.009761 2.006791

1 0 -3.686911 0.097959 -1.686046

1 0 -2.346795 1.458482 -2.192825

1 0 -2.687557 -0.088964 -3.437256

7 0 -2.469154 -0.244586 1.792263

7 0 -0.617757 1.307400 1.047480

1 0 -3.343597 -0.244107 2.311301

1 0 2.181950 3.921582 -1.177828

12 0 -3.002199 -1.228534 -0.170463

12 0 0.290000 -0.697020 1.042480

5 0 3.145926 -1.558515 1.025928

5 0 1.653386 -2.584853 -0.875114

5 0 -0.428608 -1.417893 -1.824308

5 0 -1.569816 -1.473122 2.215936

7 0 2.416469 -0.312931 1.081661

1 0 2.791563 0.315741 1.787401

7 0 2.782469 -2.554421 0.045096

1 0 1.513394 -3.571141 -1.544092

1 0 3.353504 -3.391711 0.051379

1 0 -0.434792 -2.072092 -2.838167

1 0 -4.221439 -2.427694 0.009003

1 0 -0.532981 -1.072722 2.793040

1 0 -1.200873 -2.109517 1.208197

1 0 -2.117997 -2.245800 2.947165

7 0 -1.482615 -0.563662 -1.425930

7 0 0.768370 -1.456990 -0.944899

1 0 4.065812 -1.786882 1.762958

T19ts4

12 0 -1.046567 1.029275 0.134033

12 0 1.626852 1.188163 0.692495

5 0 0.041928 3.604856 0.024011

5 0 0.650092 2.025584 -1.988214

5 0 1.366201 -0.425601 -1.550968

5 0 2.997912 -0.404768 2.000561

7 0 0.085666 2.552948 1.014273

1 0 -0.097040 2.908340 1.950014

7 0 0.235937 3.280338 -1.367057

1 0 0.928709 2.069330 -3.156788

1 0 0.175052 4.067863 -2.001904

1 0 2.629536 -0.349540 -1.378027

1 0 3.836176 -1.092735 1.314071

1 0 3.323531 0.811668 1.614856

1 0 3.282456 -0.495479 3.167861

7 0 0.960709 -1.752826 -1.644753

7 0 0.699655 0.830851 -1.213374

1 0 2.189289 -2.612517 -1.624467

1 0 -0.176847 4.747004 0.323284

12 0 2.430183 -1.792470 0.054117

12 0 -1.120285 -1.479496 -0.716829

5 0 -3.665113 -0.262015 -0.086673

5 0 -2.181130 -1.031028 1.933724

5 0 0.314956 -0.953926 2.085357

5 0 -0.134577 -2.725857 -2.197429

7 0 -2.540024 0.063779 -0.920829

1 0 -2.823180 0.376687 -1.846237

7 0 -3.431633 -0.778191 1.242189

1 0 -2.259197 -1.422658 3.066273

1 0 -4.265579 -0.982477 1.780128

1 0 0.215701 -1.250176 3.251333

1 0 2.977865 -3.004660 -1.319580

1 0 -1.063106 -2.089548 -2.721126

1 0 -0.663267 -3.331305 -1.206448

1 0 0.261525 -3.580657 -2.943886

7 0 1.576220 -0.688708 1.485257

7 0 -0.915881 -0.811772 1.278694

1 0 -4.799709 -0.125953 -0.457809

T20a

12 0 -1.391476 0.543009 -0.001697

12 0 0.960563 1.535501 0.883675

5 0 -1.267361 3.370208 0.329989

5 0 0.046434 2.417629 -1.739164

5 0 1.350334 0.281082 -1.875929

5 0 2.744733 0.428740 2.173536

7 0 -0.996463 2.226638 1.166493

1 0 -1.382412 2.337184 2.101377

7 0 -0.793054 3.374980 -1.031834

1 0 0.391821 2.727634 -2.846703

1 0 -1.019085 4.209190 -1.561084

1 0 1.998800 0.754763 -2.776444

1 0 3.741297 0.084920 1.424532

1 0 2.657135 1.699156 1.864236

1 0 3.096019 0.368169 3.325286

7 0 1.514952 -1.080104 -1.489433

7 0 0.417431 1.169741 -1.128411

1 0 -1.887288 4.318794 0.727777

12 0 2.640814 -1.070398 0.217554

12 0 -0.278437 -1.662532 -0.842412

5 0 -3.213705 -1.649868 -0.699455

5 0 -1.939154 -1.921677 1.574256

5 0 0.342861 -0.972212 2.113113

5 0 2.585733 -2.114015 -1.960314

7 0 -2.156761 -0.897622 -1.331267

1 0 -2.390990 -0.645105 -2.288886

7 0 -3.056344 -2.098990 0.661004

1 0 -2.062538 -2.379793 2.678027

1 0 -3.843988 -2.610997 1.040636

1 0 0.219904 -1.349538 3.253247

1 0 3.358172 -1.738744 -2.810950

1 0 3.385336 -2.354925 -0.885727

1 0 2.122739 -3.227660 -2.150307

7 0 1.485480 -0.273386 1.646705

7 0 -0.758321 -1.221456 1.151182

1 0 -4.234974 -1.911616 -1.276025

T20b

12 0 1.365891 0.604994 -0.253400

12 0 -1.143872 1.656602 -0.653389

5 0 1.276529 3.383266 -0.252558

5 0 0.342967 2.215097 1.907365

5 0 -1.349867 0.245762 1.569136

5 0 -3.071146 0.540820 -1.819433

7 0 0.740772 2.394991 -1.160624

1 0 0.943412 2.626660 -2.130675

7 0 1.143121 3.189944 1.170003

1 0 0.206422 2.410981 3.085714

1 0 1.563570 3.914043 1.740923

1 0 -2.447423 0.857541 1.320044

1 0 -4.020449 0.116444 -1.002694

1 0 -3.008824 1.793238 -1.467684

1 0 -3.525800 0.475445 -2.933297

7 0 -1.524598 -1.137763 1.672273

7 0 -0.218613 1.099922 1.225899

1 0 1.863535 4.353770 -0.647991

12 0 -2.798905 -0.866933 0.139961

12 0 0.514655 -1.645694 0.830762

5 0 3.323645 -1.562677 0.049479

5 0 1.581175 -1.859655 -1.882752

5 0 -0.718389 -0.884222 -2.011180

5 0 -0.877264 -2.398871 2.322927

7 0 2.438833 -0.772855 0.861253

1 0 2.856956 -0.519283 1.753225

7 0 2.864187 -2.044188 -1.231834

1 0 1.453439 -2.350810 -2.971907

1 0 3.535354 -2.592507 -1.756387

1 0 -0.811139 -1.331355 -3.129123

1 0 0.220256 -2.102607 2.842931

1 0 -0.576766 -3.216054 1.385399

1 0 -1.547255 -3.015087 3.109857

7 0 -1.756308 -0.120191 -1.414899

7 0 0.523713 -1.117323 -1.245276

1 0 4.438678 -1.842629 0.400666

T20ts1

12 0 -0.083303 -1.950698 0.607913

12 0 -1.695206 0.613811 0.536521

5 0 -2.930637 -1.684014 0.015646

5 0 -2.390319 0.079785 -1.984114

5 0 -0.463333 1.905619 -1.865952

5 0 -1.427784 1.472740 2.823956

7 0 -1.901709 -1.346854 0.940691

1 0 -2.133128 -0.682329 2.333095

7 0 -3.142393 -0.917980 -1.237867

1 0 -2.822297 0.379500 -3.067367

1 0 -3.967109 -1.229638 -1.742769

1 0 -0.976786 2.770200 -2.526590

1 0 -2.422407 1.915702 2.233154

1 0 -2.114616 -0.037424 2.948656

1 0 -1.384736 1.656817 4.004723

7 0 0.880558 1.937487 -1.389098

7 0 -1.207644 0.693368 -1.438670

1 0 -3.725323 -2.584277 0.172491

12 0 1.060788 2.106103 0.619911

12 0 0.783732 -0.085372 -1.220690

5 0 2.334415 -2.539523 -0.965416

5 0 2.669369 -0.945389 1.086384

5 0 0.678084 0.221389 2.201633

5 0 1.915881 3.095300 -1.392327

7 0 0.955667 -2.177510 -1.179585

1 0 0.541722 -2.711171 -1.941733

7 0 3.086213 -1.906312 0.094518

1 0 3.465444 -0.654554 1.937566

1 0 4.045498 -2.221646 0.184170

1 0 0.859736 -0.222243 3.305758

1 0 1.494283 4.175809 -1.736096

1 0 2.239979 3.320066 -0.058227

1 0 3.008358 2.805809 -1.828958

7 0 -0.267643 1.273012 1.935759

7 0 1.351876 -0.348575 1.031447

1 0 2.886399 -3.362728 -1.641154

T20ts2

12 0 0.088023 -1.132219 -0.355936

12 0 2.240108 0.798039 -1.369853

5 0 2.855792 -1.972092 -0.477025

5 0 1.896134 -1.947433 1.991492

5 0 0.040229 -0.056906 2.187666

5 0 1.747289 3.164931 -0.699457

7 0 1.939633 -1.141270 -1.150352

1 0 2.508855 -0.654668 -2.538800

7 0 2.727286 -2.402621 0.934665

1 0 2.084210 -2.371169 3.100699

1 0 3.443654 -3.057299 1.231363

1 0 2.838192 -0.006301 -3.090496

1 0 1.791085 3.532489 0.576140

1 0 2.919428 2.685853 -0.847602

1 0 1.630851 4.175598 -1.343507

7 0 -0.743470 1.043599 2.170872

7 0 0.833371 -1.000707 1.756666

1 0 3.859386 -2.397448 -1.015193

12 0 0.421449 2.289856 1.120807

12 0 -2.177736 0.185618 0.609091

5 0 -2.694010 -2.174246 -0.861435

5 0 -2.130713 0.003160 -2.197748

5 0 -0.470975 1.743309 -1.547638

5 0 -2.252877 1.347372 2.532548

7 0 -1.854429 -1.824580 0.250841

1 0 -1.872513 -2.532305 0.981615

7 0 -2.834351 -1.239813 -1.956945

1 0 -2.339491 0.556130 -3.243331

1 0 -3.451851 -1.535320 -2.703901

1 0 -0.836911 2.468604 -2.439146

1 0 -2.858683 0.267684 2.635264

1 0 -2.744821 1.920516 1.513056

1 0 -2.466932 2.049878 3.481675

7 0 0.721077 2.013701 -0.804338

7 0 -1.220675 0.533412 -1.212333

1 0 -3.300031 -3.210297 -0.912675

T21a

12 0 0.674973 -2.005554 0.085120

12 0 -1.810685 0.156281 0.623552

5 0 -2.507722 -1.809788 -0.620668

5 0 -3.210137 0.648410 -1.404989

5 0 -0.995032 2.282013 -1.354476

5 0 -1.238928 1.288051 3.201090

7 0 -1.155426 -1.551797 -0.340692

7 0 -3.480590 -0.652238 -0.721036

1 0 -4.107877 1.143361 -2.035437

1 0 -4.447560 -0.955431 -0.776684

1 0 -1.345587 3.399903 -1.630435

1 0 -2.202233 1.945220 2.872563

1 0 -0.986431 1.178435 4.368677

7 0 0.364718 1.900812 -1.128262

7 0 -1.916783 1.156286 -1.192964

1 0 -3.021006 -2.898376 -0.727584

12 0 0.971812 1.445126 0.737376

12 0 -0.129487 -0.053731 -1.604966

5 0 3.017063 -1.258418 -1.334626

5 0 2.925419 -0.709801 1.276789

5 0 0.622023 -0.284932 2.492305

5 0 1.603913 2.847559 -1.070348

7 0 1.615603 -1.412563 -1.624498

1 0 1.530285 -1.879805 -2.527870

7 0 3.531466 -0.995671 0.003987

1 0 3.653117 -0.556500 2.220910

1 0 4.545293 -1.000937 0.035554

1 0 0.755145 -0.759141 3.587554

1 0 1.373982 4.021897 -1.239733

1 0 2.049639 2.835422 0.227608

1 0 2.577379 2.426137 -1.661465

7 0 -0.470551 0.653142 2.184602

7 0 1.493572 -0.551674 1.372310

1 0 3.843264 -1.445299 -2.186386

T21ts

12 0 1.312355 -0.883602 -1.274640

12 0 -1.543607 -0.977112 0.424033

5 0 -1.848519 -1.475080 -1.969730

5 0 -3.537091 0.140347 -0.646360

5 0 -2.047728 1.956731 0.797475

5 0 -0.987599 -1.684872 2.863151

7 0 -0.634032 -0.959153 -1.485847

7 0 -3.142057 -1.169284 -1.236246

1 0 -4.695461 0.458486 -0.716888

1 0 -3.923672 -1.717724 -1.580930

1 0 -2.790382 2.718243 1.360580

1 0 -2.162175 -1.361093 2.704801

1 0 -0.729182 -2.363919 3.817030

7 0 -0.617964 2.038362 0.838846

7 0 -2.478664 0.837609 -0.030105

1 0 -1.985879 -2.219078 -2.911797

12 0 0.954722 0.675936 1.100304

12 0 -0.612334 1.132808 -1.105564

5 0 2.808131 1.059990 -1.305457

5 0 3.354063 -1.104623 0.164811

5 0 1.274704 -1.834318 1.695261

5 0 0.350186 3.027284 1.290561

7 0 1.457858 1.232297 -0.989463

1 0 1.341670 2.682102 -0.436604

7 0 3.471602 -0.310582 -1.075193

1 0 4.313157 -1.712537 0.553708

1 0 4.381120 -0.380894 -1.521305

1 0 1.644429 -2.806220 2.297762

1 0 0.115601 4.136356 1.682010

1 0 1.350563 2.511726 1.884389

1 0 1.192561 3.406573 0.056269

7 0 -0.073283 -1.276560 1.872907

7 0 2.048537 -1.112288 0.733923

1 0 3.559297 1.881505 -1.768931

T22

12 0 1.201404 -1.223356 -1.399416

12 0 -1.464500 -1.168643 0.158509

5 0 -1.998426 -1.694609 -2.227684

5 0 -3.406620 0.154952 -0.848292

5 0 -1.927394 1.796548 0.623532

5 0 -1.106520 -2.521306 2.698355

7 0 -0.718195 -1.318694 -1.802099

7 0 -3.217390 -1.138487 -1.504144

1 0 -4.525775 0.553094 -0.673352

1 0 -4.082967 -1.598574 -1.769804

1 0 -2.784753 2.433030 1.178602

1 0 -2.320423 -2.557200 2.608051

1 0 -0.596282 -3.051411 3.650360

7 0 -0.523712 1.938434 0.936202

7 0 -2.208956 0.797175 -0.384014

1 0 -2.274710 -2.472547 -3.108629

12 0 1.196526 0.977655 0.501339

12 0 -0.613205 0.786183 -1.730439

5 0 2.714800 0.672519 -1.797664

5 0 3.110148 -1.139905 0.207944

5 0 1.068130 -1.815287 1.702782

5 0 0.121182 2.784995 1.827840

7 0 1.359277 0.895708 -1.556693

7 0 3.405673 -0.508243 -1.089907

1 0 3.983455 -1.756288 0.754342

1 0 4.356353 -0.661611 -1.413671

1 0 1.705823 -2.390569 2.548117

1 0 -0.325316 3.649192 2.528185

1 0 1.364947 2.613775 1.913516

7 0 -0.368361 -1.867241 1.689418

7 0 1.747694 -1.051887 0.653646

1 0 3.447728 1.257708 -2.557851

T22ts

12 0 -0.045216 0.825976 -1.982293

12 0 1.612834 0.446251 0.357577

5 0 2.812789 -0.892640 -1.326068

5 0 1.942463 -2.008381 0.995828

5 0 -0.383536 -2.038171 1.878400

5 0 2.371733 3.089266 1.813327

7 0 1.624673 -0.238918 -1.632942

7 0 2.947156 -1.465564 0.098563

1 0 2.298320 -2.758498 1.858417

1 0 3.888173 -1.777426 0.324071

1 0 -0.118796 -2.919405 2.644746

1 0 3.412268 2.627337 2.225493

1 0 2.110096 4.234587 2.081330

7 0 -1.695396 -1.406143 1.922794

7 0 0.553431 -1.572036 0.873945

1 0 3.791584 -1.071014 -2.006706

12 0 -1.347157 -0.145910 0.319453

12 0 0.243896 -1.747892 -1.327567

5 0 -2.674279 -0.151453 -1.637805

5 0 -2.098561 1.987138 -0.248506

5 0 0.238283 2.755371 0.533813

5 0 -2.891019 -1.297023 2.422973

7 0 -1.357161 -0.735450 -1.696322

7 0 -2.943670 0.890373 -0.615474

1 0 -2.542145 3.014504 0.195447

1 0 -3.819929 0.226807 0.695188

1 0 -0.145290 3.878182 0.730141

1 0 -3.762663 -1.460028 3.197119

1 0 -3.923632 -0.242095 1.386324

7 0 1.500735 2.291297 1.044531

7 0 -0.596958 1.805460 -0.214691

1 0 -3.579312 -0.497718 -2.360243

T23

12 0 -0.508840 -0.998357 -1.780706

12 0 0.619042 1.216788 -0.500272

5 0 2.754849 -0.244178 -1.540776

5 0 2.843223 0.199859 1.155072

5 0 0.793034 0.383079 2.572790

5 0 -0.462031 4.244355 -0.520992

7 0 1.377702 -0.337391 -1.650639

7 0 3.372942 -0.282900 -0.108394

1 0 3.600860 0.486678 2.038042

1 0 4.387426 -0.346511 -0.121381

1 0 1.374028 0.660727 3.581510

1 0 0.591750 4.816188 -0.360925

1 0 -1.461231 4.912643 -0.631346

7 0 -0.681553 0.198313 2.739062

7 0 1.394261 0.200714 1.313092

1 0 3.601981 -0.186244 -2.396922

12 0 -1.299271 -0.750094 0.829580

12 0 1.455593 -1.594722 0.057722

5 0 -1.599259 -2.751452 -0.555108

5 0 -2.748486 -0.304887 -1.055529

5 0 -1.713160 2.084042 -0.770170

5 0 -1.728868 0.392599 3.430966

7 0 -0.329880 -2.311534 -0.024618

7 0 -2.547060 -1.705911 -0.983187

1 0 -3.805843 0.203640 -1.329446

1 0 -2.790166 2.590335 -0.944659

1 0 -2.739327 0.531780 4.007508

7 0 -0.510773 2.838392 -0.565511

7 0 -1.581718 0.612971 -0.746296

1 0 -1.887066 -3.914562 -0.710855