0

averageYIncrements[0][0] = 0.897847

averageXIncrements[0][0] = 0.909753

averageYIncrements[0][1] = 0.367047

averageXIncrements[0][1] = 0.252992

averageYIncrements[0][2] = 0.310977

averageXIncrements[0][2] = 0.138563

averageYIncrements[1][0] = 1.000769

averageXIncrements[1][0] = 1.005694

averageYIncrements[1][1] = 0.226742

averageXIncrements[1][1] = 0.225632

averageYIncrements[1][2] = 0.858962

averageXIncrements[1][2] = 0.911172

averageYIncrements[2][0] = 0.862323

averageXIncrements[2][0] = 0.938294

averageYIncrements[2][1] = 0.384009

averageXIncrements[2][1] = 0.290597

averageYIncrements[2][2] = 0.467922

averageXIncrements[2][2] = 0.292376

standardDeviationYIncrements[0][0] = 0.040909

standardDeviationXIncrements[0][0] = 0.034928

standardDeviationYIncrements[0][1] = 0.277200

standardDeviationXIncrements[0][1] = 0.128637

standardDeviationYIncrements[0][2] = 0.168967

standardDeviationXIncrements[0][2] = 0.139262

standardDeviationYIncrements[1][0] = 0.000773

standardDeviationXIncrements[1][0] = 0.005723

standardDeviationYIncrements[1][1] = 0.227884

standardDeviationXIncrements[1][1] = 0.101139

standardDeviationYIncrements[1][2] = 0.141748

standardDeviationXIncrements[1][2] = 0.161984

standardDeviationYIncrements[2][0] = 0.066582

standardDeviationXIncrements[2][0] = 0.187646

standardDeviationYIncrements[2][1] = 0.044787

standardDeviationXIncrements[2][1] = 0.084828

standardDeviationYIncrements[2][2] = 0.032240

standardDeviationXIncrements[2][2] = 0.293849

1

averageYIncrements[0][0] = 0.455443

averageXIncrements[0][0] = 0.773491

averageYIncrements[0][1] = 0.524566

averageXIncrements[0][1] = 0.080645

averageYIncrements[0][2] = 0.105751

averageXIncrements[0][2] = 0.585644

averageYIncrements[1][0] = 0.070448

averageXIncrements[1][0] = 1.019849

averageYIncrements[1][1] = 0.942217

averageXIncrements[1][1] = 0.160491

averageYIncrements[1][2] = 0.018562

averageXIncrements[1][2] = 0.406982

averageYIncrements[2][0] = 0.544892

averageXIncrements[2][0] = 1.062299

averageYIncrements[2][1] = 0.581286

averageXIncrements[2][1] = 0.205235

averageYIncrements[2][2] = 0.115680

averageXIncrements[2][2] = 0.223946

standardDeviationYIncrements[0][0] = 0.087460

standardDeviationXIncrements[0][0] = 0.274869

standardDeviationYIncrements[0][1] = 0.107552

standardDeviationXIncrements[0][1] = 0.081051

standardDeviationYIncrements[0][2] = 0.000490

standardDeviationXIncrements[0][2] = 0.416443

standardDeviationYIncrements[1][0] = 0.070803

standardDeviationXIncrements[1][0] = 0.019949

standardDeviationYIncrements[1][1] = 0.058074

standardDeviationXIncrements[1][1] = 0.089960

standardDeviationYIncrements[1][2] = 0.034241

standardDeviationXIncrements[1][2] = 0.032143

standardDeviationYIncrements[2][0] = 0.192917

standardDeviationXIncrements[2][0] = 0.063017

standardDeviationYIncrements[2][1] = 0.156339

standardDeviationXIncrements[2][1] = 0.080639

standardDeviationYIncrements[2][2] = 0.116263

standardDeviationXIncrements[2][2] = 0.225074

2

averageYIncrements[0][0] = 0.806986

averageXIncrements[0][0] = 0.903506

averageYIncrements[0][1] = 0.238054

averageXIncrements[0][1] = 0.038258

averageYIncrements[0][2] = 0.151412

averageXIncrements[0][2] = 0.518656

averageYIncrements[1][0] = 0.153126

averageXIncrements[1][0] = 1.337073

averageYIncrements[1][1] = 0.642968

averageXIncrements[1][1] = 0.475902

averageYIncrements[1][2] = 0.247626

averageXIncrements[1][2] = 0.918972

averageYIncrements[2][0] = 0.534839

averageXIncrements[2][0] = 0.796498

averageYIncrements[2][1] = 0.445029

averageXIncrements[2][1] = 0.839876

averageYIncrements[2][2] = 0.491378

averageXIncrements[2][2] = 0.400800

standardDeviationYIncrements[0][0] = 0.068356

standardDeviationXIncrements[0][0] = 0.238033

standardDeviationYIncrements[0][1] = 0.012006

standardDeviationXIncrements[0][1] = 0.038450

standardDeviationYIncrements[0][2] = 0.026545

standardDeviationXIncrements[0][2] = 0.483769

standardDeviationYIncrements[1][0] = 0.153897

standardDeviationXIncrements[1][0] = 0.003759

standardDeviationYIncrements[1][1] = 0.358830

standardDeviationXIncrements[1][1] = 0.143287

standardDeviationYIncrements[1][2] = 0.248874

standardDeviationXIncrements[1][2] = 0.081436

standardDeviationYIncrements[2][0] = 0.153430

standardDeviationXIncrements[2][0] = 0.204527

standardDeviationYIncrements[2][1] = 0.007567

standardDeviationXIncrements[2][1] = 0.285753

standardDeviationYIncrements[2][2] = 0.242594

standardDeviationXIncrements[2][2] = 0.291148

3

averageYIncrements[0][0] = 0.738476

averageXIncrements[0][0] = 0.901398

averageYIncrements[0][1] = 0.359409

averageXIncrements[0][1] = 0.118723

averageYIncrements[0][2] = 0.277961

averageXIncrements[0][2] = 0.522594

averageYIncrements[1][0] = 0.138195

averageXIncrements[1][0] = 1.003559

averageYIncrements[1][1] = 0.662571

averageXIncrements[1][1] = 0.847853

averageYIncrements[1][2] = 0.305260

averageXIncrements[1][2] = 0.917909

averageYIncrements[2][0] = 0.562069

averageXIncrements[2][0] = 0.871378

averageYIncrements[2][1] = 0.448481

averageXIncrements[2][1] = 0.615594

averageYIncrements[2][2] = 0.425603

averageXIncrements[2][2] = 0.425952

standardDeviationYIncrements[0][0] = 0.325656

standardDeviationXIncrements[0][0] = 0.099099

standardDeviationYIncrements[0][1] = 0.266929

standardDeviationXIncrements[0][1] = 0.119321

standardDeviationYIncrements[0][2] = 0.279361

standardDeviationXIncrements[0][2] = 0.273967

standardDeviationYIncrements[1][0] = 0.138891

standardDeviationXIncrements[1][0] = 0.003577

standardDeviationYIncrements[1][1] = 0.150684

standardDeviationXIncrements[1][1] = 0.182099

standardDeviationYIncrements[1][2] = 0.118354

standardDeviationXIncrements[1][2] = 0.082504

standardDeviationYIncrements[2][0] = 0.125197

standardDeviationXIncrements[2][0] = 0.624509

standardDeviationYIncrements[2][1] = 0.073851

standardDeviationXIncrements[2][1] = 0.051330

standardDeviationYIncrements[2][2] = 0.200401

standardDeviationXIncrements[2][2] = 0.241927

4

averageYIncrements[0][0] = 0.428914

averageXIncrements[0][0] = 0.903943

averageYIncrements[0][1] = 0.637083

averageXIncrements[0][1] = 0.371658

averageYIncrements[0][2] = 0.107672

averageXIncrements[0][2] = 0.007111

averageYIncrements[1][0] = 0.923780

averageXIncrements[1][0] = 1.180286

averageYIncrements[1][1] = 0.814737

averageXIncrements[1][1] = 0.528014

averageYIncrements[1][2] = 0.159236

averageXIncrements[1][2] = 0.340458

averageYIncrements[2][0] = 0.233244

averageXIncrements[2][0] = 1.078031

averageYIncrements[2][1] = 0.806939

averageXIncrements[2][1] = 0.225167

averageYIncrements[2][2] = 0.244644

averageXIncrements[2][2] = 0.255889

standardDeviationYIncrements[0][0] = 0.342031

standardDeviationXIncrements[0][0] = 0.096541

standardDeviationYIncrements[0][1] = 0.021807

standardDeviationXIncrements[0][1] = 0.373530

standardDeviationYIncrements[0][2] = 0.108214

standardDeviationXIncrements[0][2] = 0.007147

standardDeviationYIncrements[1][0] = 0.309949

standardDeviationXIncrements[1][0] = 0.019813

standardDeviationYIncrements[1][1] = 0.045735

standardDeviationXIncrements[1][1] = 0.373860

standardDeviationYIncrements[1][2] = 0.535757

standardDeviationXIncrements[1][2] = 0.241669

standardDeviationYIncrements[2][0] = 0.234419

standardDeviationXIncrements[2][0] = 0.078425

standardDeviationYIncrements[2][1] = 0.039413

standardDeviationXIncrements[2][1] = 0.075210

standardDeviationYIncrements[2][2] = 0.063366

standardDeviationXIncrements[2][2] = 0.156675

5

averageYIncrements[0][0] = 0.699816

averageXIncrements[0][0] = 0.891298

averageYIncrements[0][1] = 0.341677

averageXIncrements[0][1] = 0.627080

averageYIncrements[0][2] = 0.312308

averageXIncrements[0][2] = 0.218488

averageYIncrements[1][0] = 0.572089

averageXIncrements[1][0] = 1.000769

averageYIncrements[1][1] = 0.300204

averageXIncrements[1][1] = 0.949047

averageYIncrements[1][2] = 0.393212

averageXIncrements[1][2] = 0.836670

averageYIncrements[2][0] = 0.762226

averageXIncrements[2][0] = 0.881801

averageYIncrements[2][1] = 0.342206

averageXIncrements[2][1] = 0.272842

averageYIncrements[2][2] = 0.109923

averageXIncrements[2][2] = 0.815801

standardDeviationYIncrements[0][0] = 0.239478

standardDeviationXIncrements[0][0] = 0.393269

standardDeviationYIncrements[0][1] = 0.043155

standardDeviationXIncrements[0][1] = 0.249169

standardDeviationYIncrements[0][2] = 0.149983

standardDeviationXIncrements[0][2] = 0.157301

standardDeviationYIncrements[1][0] = 0.120824

standardDeviationXIncrements[1][0] = 0.000773

standardDeviationYIncrements[1][1] = 0.007526

standardDeviationXIncrements[1][1] = 0.051210

standardDeviationYIncrements[1][2] = 0.085951

standardDeviationXIncrements[1][2] = 0.164153

standardDeviationYIncrements[2][0] = 0.084351

standardDeviationXIncrements[2][0] = 0.370054

standardDeviationYIncrements[2][1] = 0.189309

standardDeviationXIncrements[2][1] = 0.148587

standardDeviationYIncrements[2][2] = 0.110476

standardDeviationXIncrements[2][2] = 0.568651

6

averageYIncrements[0][0] = 0.896640

averageXIncrements[0][0] = 0.933884

averageYIncrements[0][1] = 0.378878

averageXIncrements[0][1] = 0.279859

averageYIncrements[0][2] = 0.287547

averageXIncrements[0][2] = 0.090645

averageYIncrements[1][0] = 1.017037

averageXIncrements[1][0] = 1.004965

averageYIncrements[1][1] = 0.375426

averageXIncrements[1][1] = 0.888177

averageYIncrements[1][2] = 0.342633

averageXIncrements[1][2] = 0.886779

averageYIncrements[2][0] = 0.770048

averageXIncrements[2][0] = 0.858045

averageYIncrements[2][1] = 0.354112

averageXIncrements[2][1] = 0.246524

averageYIncrements[2][2] = 0.243732

averageXIncrements[2][2] = 0.847806

standardDeviationYIncrements[0][0] = 0.111485

standardDeviationXIncrements[0][0] = 0.066449

standardDeviationYIncrements[0][1] = 0.165421

standardDeviationXIncrements[0][1] = 0.221250

standardDeviationYIncrements[0][2] = 0.357100

standardDeviationXIncrements[0][2] = 0.009402

standardDeviationYIncrements[1][0] = 0.126454

standardDeviationXIncrements[1][0] = 0.004990

standardDeviationYIncrements[1][1] = 0.233740

standardDeviationXIncrements[1][1] = 0.112386

standardDeviationYIncrements[1][2] = 0.158160

standardDeviationXIncrements[1][2] = 0.113791

standardDeviationYIncrements[2][0] = 0.343197

standardDeviationXIncrements[2][0] = 0.243174

standardDeviationYIncrements[2][1] = 0.003046

standardDeviationXIncrements[2][1] = 0.154249

standardDeviationYIncrements[2][2] = 0.029595

standardDeviationXIncrements[2][2] = 0.152961

7

averageYIncrements[0][0] = 0.622024

averageXIncrements[0][0] = 0.528200

averageYIncrements[0][1] = 0.310502

averageXIncrements[0][1] = 0.108314

averageYIncrements[0][2] = 0.070105

averageXIncrements[0][2] = 0.732279

averageYIncrements[1][0] = 0.144463

averageXIncrements[1][0] = 0.637259

averageYIncrements[1][1] = 0.727372

averageXIncrements[1][1] = 0.255676

averageYIncrements[1][2] = 0.164772

averageXIncrements[1][2] = 0.953632

averageYIncrements[2][0] = 0.605192

averageXIncrements[2][0] = 0.161456

averageYIncrements[2][1] = 0.345123

averageXIncrements[2][1] = 0.505505

averageYIncrements[2][2] = 0.371057

averageXIncrements[2][2] = 0.659927

standardDeviationYIncrements[0][0] = 0.625158

standardDeviationXIncrements[0][0] = 0.530861

standardDeviationYIncrements[0][1] = 0.692972

standardDeviationXIncrements[0][1] = 0.594667

standardDeviationYIncrements[0][2] = 0.070458

standardDeviationXIncrements[0][2] = 0.434457

standardDeviationYIncrements[1][0] = 0.022316

standardDeviationXIncrements[1][0] = 0.163561

standardDeviationYIncrements[1][1] = 0.274002

standardDeviationXIncrements[1][1] = 0.256964

standardDeviationYIncrements[1][2] = 0.165602

standardDeviationXIncrements[1][2] = 0.154406

standardDeviationYIncrements[2][0] = 0.105722

standardDeviationXIncrements[2][0] = 0.139242

standardDeviationYIncrements[2][1] = 0.211493

standardDeviationXIncrements[2][1] = 0.106037

standardDeviationYIncrements[2][2] = 0.093749

standardDeviationXIncrements[2][2] = 0.160733

8

averageYIncrements[0][0] = 0.887134

averageXIncrements[0][0] = 0.936102

averageYIncrements[0][1] = 0.360169

averageXIncrements[0][1] = 0.520997

averageYIncrements[0][2] = 0.345539

averageXIncrements[0][2] = 0.239029

averageYIncrements[1][0] = 0.968212

averageXIncrements[1][0] = 1.013378

averageYIncrements[1][1] = 0.328820

averageXIncrements[1][1] = 0.926318

averageYIncrements[1][2] = 0.338642

averageXIncrements[1][2] = 0.785616

averageYIncrements[2][0] = 0.842735

averageXIncrements[2][0] = 0.920283

averageYIncrements[2][1] = 0.412481

averageXIncrements[2][1] = 0.613682

averageYIncrements[2][2] = 0.481655

averageXIncrements[2][2] = 0.413376

standardDeviationYIncrements[0][0] = 0.118497

standardDeviationXIncrements[0][0] = 0.064220

standardDeviationYIncrements[0][1] = 0.207362

standardDeviationXIncrements[0][1] = 0.194262

standardDeviationYIncrements[0][2] = 0.503137

standardDeviationXIncrements[0][2] = 0.046920

standardDeviationYIncrements[1][0] = 0.199983

standardDeviationXIncrements[1][0] = 0.013445

standardDeviationYIncrements[1][1] = 0.133387

standardDeviationXIncrements[1][1] = 0.217630

standardDeviationYIncrements[1][2] = 0.046205

standardDeviationXIncrements[1][2] = 0.215464

standardDeviationYIncrements[2][0] = 0.080747

standardDeviationXIncrements[2][0] = 0.510849

standardDeviationYIncrements[2][1] = 0.182628

standardDeviationXIncrements[2][1] = 0.244687

standardDeviationYIncrements[2][2] = 0.443646

standardDeviationXIncrements[2][2] = 0.876733

9

averageYIncrements[0][0] = 0.631931

averageXIncrements[0][0] = 0.771015

averageYIncrements[0][1] = 0.404980

averageXIncrements[0][1] = 0.785997

averageYIncrements[0][2] = 0.246819

averageXIncrements[0][2] = 0.150435

averageYIncrements[1][0] = 0.872480

averageXIncrements[1][0] = 1.033459

averageYIncrements[1][1] = 0.307185

averageXIncrements[1][1] = 0.924856

averageYIncrements[1][2] = 0.538221

averageXIncrements[1][2] = 0.881607

averageYIncrements[2][0] = 0.869839

averageXIncrements[2][0] = 0.855511

averageYIncrements[2][1] = 0.397634

averageXIncrements[2][1] = 0.457212

averageYIncrements[2][2] = 0.480351

averageXIncrements[2][2] = 0.295425

standardDeviationYIncrements[0][0] = 0.034911

standardDeviationXIncrements[0][0] = 0.272380

standardDeviationYIncrements[0][1] = 0.263005

standardDeviationXIncrements[0][1] = 0.114578

standardDeviationYIncrements[0][2] = 0.248062

standardDeviationXIncrements[0][2] = 0.049814

standardDeviationYIncrements[1][0] = 0.061160

standardDeviationXIncrements[1][0] = 0.033627

standardDeviationYIncrements[1][1] = 0.495298

standardDeviationXIncrements[1][1] = 0.024981

standardDeviationYIncrements[1][2] = 0.540933

standardDeviationXIncrements[1][2] = 0.018485

standardDeviationYIncrements[2][0] = 0.264822

standardDeviationXIncrements[2][0] = 0.256798

standardDeviationYIncrements[2][1] = 0.002378

standardDeviationXIncrements[2][1] = 0.158005

standardDeviationYIncrements[2][2] = 0.080756

standardDeviationXIncrements[2][2] = 0.196409