

Letters classification

```
=====
Error for epoch 0 : 1.155749
Error for epoch 1 : 1.109954
Error for epoch 2 : 1.048681
Error for epoch 3 : 1.181210
Error for epoch 4 : 0.957124
Error for epoch 5 : 0.897335
Error for epoch 6 : 1.113369
Error for epoch 7 : 1.098365
Error for epoch 8 : 0.957051
Error for epoch 9 : 1.103601
Error for epoch 10 : 0.956247
Error for epoch 11 : 1.052273
Error for epoch 12 : 1.054681
Error for epoch 13 : 1.117774
Error for epoch 14 : 0.936457
Error for epoch 15 : 0.992700
Error for epoch 16 : 1.294116
Error for epoch 17 : 1.180107
Error for epoch 18 : 1.169962
Error for epoch 19 : 1.032590
Error for epoch 20 : 0.931334
Error for epoch 21 : 1.071944
Error for epoch 22 : 0.943981
Error for epoch 23 : 0.920175
Error for epoch 24 : 1.015634
Error for epoch 25 : 1.037060
Error for epoch 26 : 1.108433
Error for epoch 27 : 1.034715
Error for epoch 28 : 0.964219
Error for epoch 29 : 1.033833
Error for epoch 30 : 1.122256
Error for epoch 31 : 0.909996
Error for epoch 32 : 0.996261
Error for epoch 33 : 0.995439
Error for epoch 34 : 1.009094
Error for epoch 35 : 1.092559
Error for epoch 36 : 1.138490
Error for epoch 37 : 0.959866
Error for epoch 38 : 1.041666
Error for epoch 39 : 1.022357
Error for epoch 40 : 0.955711
Error for epoch 41 : 1.155678
Error for epoch 42 : 1.020638
Error for epoch 43 : 0.873873
Error for epoch 44 : 0.854096
Error for epoch 45 : 0.891317
Error for epoch 46 : 1.005292
Error for epoch 47 : 1.000108
Error for epoch 48 : 0.958637
Error for epoch 49 : 0.927824
Error for epoch 50 : 1.130947
Error for epoch 51 : 1.039711
```

Error for epoch 52 : 1.066374
Error for epoch 53 : 0.923413
Error for epoch 54 : 0.993977
Error for epoch 55 : 0.938654
Error for epoch 56 : 0.946615
Error for epoch 57 : 1.080394
Error for epoch 58 : 0.857478
Error for epoch 59 : 1.028584
Error for epoch 60 : 1.058464
Error for epoch 61 : 0.989444
Error for epoch 62 : 0.994618
Error for epoch 63 : 1.089501
Error for epoch 64 : 0.974269
Error for epoch 65 : 0.922507
Error for epoch 66 : 1.046022
Error for epoch 67 : 0.979755
Error for epoch 68 : 0.916769
Error for epoch 69 : 1.084351
Error for epoch 70 : 0.967818
Error for epoch 71 : 0.982116
Error for epoch 72 : 1.118315
Error for epoch 73 : 0.964555
Error for epoch 74 : 0.914468
Error for epoch 75 : 0.938665
Error for epoch 76 : 1.030389
Error for epoch 77 : 0.894327
Error for epoch 78 : 0.998494
Error for epoch 79 : 0.942395
Error for epoch 80 : 0.985957
Error for epoch 81 : 1.020429
Error for epoch 82 : 0.919740
Error for epoch 83 : 0.954246
Error for epoch 84 : 0.909192
Error for epoch 85 : 1.094985
Error for epoch 86 : 1.100881
Error for epoch 87 : 1.039997
Error for epoch 88 : 0.975692
Error for epoch 89 : 1.062989
Error for epoch 90 : 1.089619
Error for epoch 91 : 0.940633
Error for epoch 92 : 0.980855
Error for epoch 93 : 1.092099
Error for epoch 94 : 0.968329
Error for epoch 95 : 0.962065
Error for epoch 96 : 1.053486
Error for epoch 97 : 0.950612
Error for epoch 98 : 1.124476
Error for epoch 99 : 0.943975
Error for epoch 100 : 1.031255
Error for epoch 101 : 0.979769
Error for epoch 102 : 1.132840
Error for epoch 103 : 1.105338
Error for epoch 104 : 0.976471
Error for epoch 105 : 0.984554

Error for epoch 106 : 0.978235
Error for epoch 107 : 0.864148
Error for epoch 108 : 1.021044
Error for epoch 109 : 0.909583
Error for epoch 110 : 0.976790
Error for epoch 111 : 0.972611
Error for epoch 112 : 0.947237
Error for epoch 113 : 0.979692
Error for epoch 114 : 1.009440
Error for epoch 115 : 0.894192
Error for epoch 116 : 0.888393
Error for epoch 117 : 0.924670
Error for epoch 118 : 1.139482
Error for epoch 119 : 0.910780
Error for epoch 120 : 0.909880
Error for epoch 121 : 0.930537
Error for epoch 122 : 0.763860
Error for epoch 123 : 0.879256
Error for epoch 124 : 0.993702
Error for epoch 125 : 1.072680
Error for epoch 126 : 0.889259
Error for epoch 127 : 0.759399
Error for epoch 128 : 0.934481
Error for epoch 129 : 1.113293
Error for epoch 130 : 1.064222
Error for epoch 131 : 0.832303
Error for epoch 132 : 1.016086
Error for epoch 133 : 0.835261
Error for epoch 134 : 1.048274
Error for epoch 135 : 1.076951
Error for epoch 136 : 0.934990
Error for epoch 137 : 0.970025
Error for epoch 138 : 1.022641
Error for epoch 139 : 0.949145
Error for epoch 140 : 0.920331
Error for epoch 141 : 0.908587
Error for epoch 142 : 1.053929
Error for epoch 143 : 0.829384
Error for epoch 144 : 0.996876
Error for epoch 145 : 1.000455
Error for epoch 146 : 0.869354
Error for epoch 147 : 0.992998
Error for epoch 148 : 0.813715
Error for epoch 149 : 0.972212
Error for epoch 150 : 0.924394
Error for epoch 151 : 0.961221
Error for epoch 152 : 0.933741
Error for epoch 153 : 1.108506
Error for epoch 154 : 0.843647
Error for epoch 155 : 0.978309
Error for epoch 156 : 0.924504
Error for epoch 157 : 0.916543
Error for epoch 158 : 1.127435
Error for epoch 159 : 1.039472

Error for epoch 160 : 0.943428
Error for epoch 161 : 0.944440
Error for epoch 162 : 0.969062
Error for epoch 163 : 1.043903
Error for epoch 164 : 0.901605
Error for epoch 165 : 0.964039
Error for epoch 166 : 0.987060
Error for epoch 167 : 0.924829
Error for epoch 168 : 0.851246
Error for epoch 169 : 1.084505
Error for epoch 170 : 0.875103
Error for epoch 171 : 0.982538
Error for epoch 172 : 1.003016
Error for epoch 173 : 0.832638
Error for epoch 174 : 0.971397
Error for epoch 175 : 1.069325
Error for epoch 176 : 0.950966
Error for epoch 177 : 0.889465
Error for epoch 178 : 0.991924
Error for epoch 179 : 1.020365
Error for epoch 180 : 0.953313
Error for epoch 181 : 0.940811
Error for epoch 182 : 0.897979
Error for epoch 183 : 0.996275
Error for epoch 184 : 1.012373
Error for epoch 185 : 1.064762
Error for epoch 186 : 0.962853
Error for epoch 187 : 0.940554
Error for epoch 188 : 0.946505
Error for epoch 189 : 0.943432
Error for epoch 190 : 0.913011
Error for epoch 191 : 1.075888
Error for epoch 192 : 1.110993
Error for epoch 193 : 0.894579
Error for epoch 194 : 0.901715
Error for epoch 195 : 0.956727
Error for epoch 196 : 0.934175
Error for epoch 197 : 1.051267
Error for epoch 198 : 0.973530
Error for epoch 199 : 0.987331
Error for epoch 200 : 1.050704
Error for epoch 201 : 0.844944
Error for epoch 202 : 0.940292
Error for epoch 203 : 1.029805
Error for epoch 204 : 0.875449
Error for epoch 205 : 0.997569
Error for epoch 206 : 0.994772
Error for epoch 207 : 0.936591
Error for epoch 208 : 0.973066
Error for epoch 209 : 0.948648
Error for epoch 210 : 0.948017
Error for epoch 211 : 0.763058
Error for epoch 212 : 0.949452
Error for epoch 213 : 0.969167

Error for epoch 214 : 0.818400
Error for epoch 215 : 1.013880
Error for epoch 216 : 0.841364
Error for epoch 217 : 0.917566
Error for epoch 218 : 0.933532
Error for epoch 219 : 0.834808
Error for epoch 220 : 1.048401
Error for epoch 221 : 0.918939
Error for epoch 222 : 1.016970
Error for epoch 223 : 0.982705
Error for epoch 224 : 0.940640
Error for epoch 225 : 0.944181
Error for epoch 226 : 0.973439
Error for epoch 227 : 0.929323
Error for epoch 228 : 0.888043
Error for epoch 229 : 0.825720
Error for epoch 230 : 0.906045
Error for epoch 231 : 0.955433
Error for epoch 232 : 0.996896
Error for epoch 233 : 0.926036
Error for epoch 234 : 1.031465
Error for epoch 235 : 0.953394
Error for epoch 236 : 0.908031
Error for epoch 237 : 0.936351
Error for epoch 238 : 1.083150
Error for epoch 239 : 0.987508
Error for epoch 240 : 0.847186
Error for epoch 241 : 0.998615
Error for epoch 242 : 0.957930
Error for epoch 243 : 0.883929
Error for epoch 244 : 0.937293
Error for epoch 245 : 1.043416
Error for epoch 246 : 0.885538
Error for epoch 247 : 0.799735
Error for epoch 248 : 1.107873
Error for epoch 249 : 0.964506
Error for epoch 250 : 1.012692
Error for epoch 251 : 0.993516
Error for epoch 252 : 0.766540
Error for epoch 253 : 0.914725
Error for epoch 254 : 0.939072
Error for epoch 255 : 0.984098
Error for epoch 256 : 1.077827
Error for epoch 257 : 0.902699
Error for epoch 258 : 0.993505
Error for epoch 259 : 0.904217
Error for epoch 260 : 0.918463
Error for epoch 261 : 0.932359
Error for epoch 262 : 1.042968
Error for epoch 263 : 0.980365
Error for epoch 264 : 1.004061
Error for epoch 265 : 0.885041
Error for epoch 266 : 0.939896
Error for epoch 267 : 0.983437

Error for epoch 268 : 0.732712
Error for epoch 269 : 1.085571
Error for epoch 270 : 0.646360
Error for epoch 271 : 0.915846
Error for epoch 272 : 0.995376
Error for epoch 273 : 1.002534
Error for epoch 274 : 1.016681
Error for epoch 275 : 0.923552
Error for epoch 276 : 1.031050
Error for epoch 277 : 0.954465
Error for epoch 278 : 0.885856
Error for epoch 279 : 0.934771
Error for epoch 280 : 0.955259
Error for epoch 281 : 0.989310
Error for epoch 282 : 0.983547
Error for epoch 283 : 0.891374
Error for epoch 284 : 0.939637
Error for epoch 285 : 0.920465
Error for epoch 286 : 0.967146
Error for epoch 287 : 1.064231
Error for epoch 288 : 0.945019
Error for epoch 289 : 0.977255
Error for epoch 290 : 0.923847
Error for epoch 291 : 0.881524
Error for epoch 292 : 0.968020
Error for epoch 293 : 0.891053
Error for epoch 294 : 1.054490
Error for epoch 295 : 0.875070
Error for epoch 296 : 0.937990
Error for epoch 297 : 0.810255
Error for epoch 298 : 0.890182
Error for epoch 299 : 1.066196
Error for epoch 300 : 0.954808
Error for epoch 301 : 0.883535
Error for epoch 302 : 0.949981
Error for epoch 303 : 0.870079
Error for epoch 304 : 0.945917
Error for epoch 305 : 0.700625
Error for epoch 306 : 0.845639
Error for epoch 307 : 0.880003
Error for epoch 308 : 0.847827
Error for epoch 309 : 1.044054
Error for epoch 310 : 0.955052
Error for epoch 311 : 0.912822
Error for epoch 312 : 1.085250
Error for epoch 313 : 0.733594
Error for epoch 314 : 0.876527
Error for epoch 315 : 0.937420
Error for epoch 316 : 0.864203
Error for epoch 317 : 0.987848
Error for epoch 318 : 0.761056
Error for epoch 319 : 0.824956
Error for epoch 320 : 0.886474
Error for epoch 321 : 0.874417

Error for epoch 322 : 0.986297
Error for epoch 323 : 0.731044
Error for epoch 324 : 0.993631
Error for epoch 325 : 1.015577
Error for epoch 326 : 0.868330
Error for epoch 327 : 0.996852
Error for epoch 328 : 0.931427
Error for epoch 329 : 0.920765
Error for epoch 330 : 0.981220
Error for epoch 331 : 0.897351
Error for epoch 332 : 0.930216
Error for epoch 333 : 0.957707
Error for epoch 334 : 0.874201
Error for epoch 335 : 0.974447
Error for epoch 336 : 0.935469
Error for epoch 337 : 0.976823
Error for epoch 338 : 0.940732
Error for epoch 339 : 0.821238
Error for epoch 340 : 0.958128
Error for epoch 341 : 0.875785
Error for epoch 342 : 0.947394
Error for epoch 343 : 0.874436
Error for epoch 344 : 0.840519
Error for epoch 345 : 1.020387
Error for epoch 346 : 0.945866
Error for epoch 347 : 0.961220
Error for epoch 348 : 0.895599
Error for epoch 349 : 0.935354
Error for epoch 350 : 0.860718
Error for epoch 351 : 0.764311
Error for epoch 352 : 0.934216
Error for epoch 353 : 0.908118
Error for epoch 354 : 0.987848
Error for epoch 355 : 0.803697
Error for epoch 356 : 0.781488
Error for epoch 357 : 0.789213
Error for epoch 358 : 0.989151
Error for epoch 359 : 0.931888
Error for epoch 360 : 0.967498
Error for epoch 361 : 0.863875
Error for epoch 362 : 0.901488
Error for epoch 363 : 0.987355
Error for epoch 364 : 0.973333
Error for epoch 365 : 0.850942
Error for epoch 366 : 1.007021
Error for epoch 367 : 0.948435
Error for epoch 368 : 0.939254
Error for epoch 369 : 0.889549
Error for epoch 370 : 0.849342
Error for epoch 371 : 0.966135
Error for epoch 372 : 0.814056
Error for epoch 373 : 0.908802
Error for epoch 374 : 0.615617
Error for epoch 375 : 0.993247

Error for epoch 376 : 0.953639
Error for epoch 377 : 0.989175
Error for epoch 378 : 0.920888
Error for epoch 379 : 0.980456
Error for epoch 380 : 0.976703
Error for epoch 381 : 0.982302
Error for epoch 382 : 0.901149
Error for epoch 383 : 0.777419
Error for epoch 384 : 0.789658
Error for epoch 385 : 1.007136
Error for epoch 386 : 0.820891
Error for epoch 387 : 0.892649
Error for epoch 388 : 0.910432
Error for epoch 389 : 0.773245
Error for epoch 390 : 0.838805
Error for epoch 391 : 0.923860
Error for epoch 392 : 0.762068
Error for epoch 393 : 1.037878
Error for epoch 394 : 0.910707
Error for epoch 395 : 0.904489
Error for epoch 396 : 0.735093
Error for epoch 397 : 0.942027
Error for epoch 398 : 1.044594
Error for epoch 399 : 0.954057
Error for epoch 400 : 0.820710
Error for epoch 401 : 0.938656
Error for epoch 402 : 1.027126
Error for epoch 403 : 0.855017
Error for epoch 404 : 0.798736
Error for epoch 405 : 0.908536
Error for epoch 406 : 0.843010
Error for epoch 407 : 0.801585
Error for epoch 408 : 0.760095
Error for epoch 409 : 0.914397
Error for epoch 410 : 0.909236
Error for epoch 411 : 0.981705
Error for epoch 412 : 0.698580
Error for epoch 413 : 0.920694
Error for epoch 414 : 0.865336
Error for epoch 415 : 0.768389
Error for epoch 416 : 0.907540
Error for epoch 417 : 0.879667
Error for epoch 418 : 0.880806
Error for epoch 419 : 0.811982
Error for epoch 420 : 0.909948
Error for epoch 421 : 0.845659
Error for epoch 422 : 0.992920
Error for epoch 423 : 0.811930
Error for epoch 424 : 0.819667
Error for epoch 425 : 0.878417
Error for epoch 426 : 0.810046
Error for epoch 427 : 0.893195
Error for epoch 428 : 0.943242
Error for epoch 429 : 0.894141

Error for epoch 430 : 0.762113
Error for epoch 431 : 0.743861
Error for epoch 432 : 0.965589
Error for epoch 433 : 0.894525
Error for epoch 434 : 0.958449
Error for epoch 435 : 0.641838
Error for epoch 436 : 0.829626
Error for epoch 437 : 0.933614
Error for epoch 438 : 0.938774
Error for epoch 439 : 0.913186
Error for epoch 440 : 0.973788
Error for epoch 441 : 0.886015
Error for epoch 442 : 0.947622
Error for epoch 443 : 1.062072
Error for epoch 444 : 0.834517
Error for epoch 445 : 0.849407
Error for epoch 446 : 0.850413
Error for epoch 447 : 0.878315
Error for epoch 448 : 0.875289
Error for epoch 449 : 1.026363
Error for epoch 450 : 0.864388
Error for epoch 451 : 1.019988
Error for epoch 452 : 0.798887
Error for epoch 453 : 1.076211
Error for epoch 454 : 0.813650
Error for epoch 455 : 0.834517
Error for epoch 456 : 0.853171
Error for epoch 457 : 0.917038
Error for epoch 458 : 0.842273
Error for epoch 459 : 0.944924
Error for epoch 460 : 0.938819
Error for epoch 461 : 1.008965
Error for epoch 462 : 0.943093
Error for epoch 463 : 0.926548
Error for epoch 464 : 1.093472
Error for epoch 465 : 0.796890
Error for epoch 466 : 0.978504
Error for epoch 467 : 0.896306
Error for epoch 468 : 0.940461
Error for epoch 469 : 0.773871
Error for epoch 470 : 0.794568
Error for epoch 471 : 0.888528
Error for epoch 472 : 0.729105
Error for epoch 473 : 0.784340
Error for epoch 474 : 0.746864
Error for epoch 475 : 1.009867
Error for epoch 476 : 1.120968
Error for epoch 477 : 0.843701
Error for epoch 478 : 0.914039
Error for epoch 479 : 0.876512
Error for epoch 480 : 0.958267
Error for epoch 481 : 0.947711
Error for epoch 482 : 0.900374
Error for epoch 483 : 0.879777

Error for epoch 484 : 0.886956
Error for epoch 485 : 0.948116
Error for epoch 486 : 0.878046
Error for epoch 487 : 0.757725
Error for epoch 488 : 0.880446
Error for epoch 489 : 0.803823
Error for epoch 490 : 0.684540
Error for epoch 491 : 1.052726
Error for epoch 492 : 0.681537
Error for epoch 493 : 0.815561
Error for epoch 494 : 0.956471
Error for epoch 495 : 0.754484
Error for epoch 496 : 1.000579
Error for epoch 497 : 0.953263
Error for epoch 498 : 0.974114
Error for epoch 499 : 0.801608
Error for epoch 500 : 0.790961
Error for epoch 501 : 0.881928
Error for epoch 502 : 0.849369
Error for epoch 503 : 0.860682
Error for epoch 504 : 0.852721
Error for epoch 505 : 1.089529
Error for epoch 506 : 0.670027
Error for epoch 507 : 0.950278
Error for epoch 508 : 0.966706
Error for epoch 509 : 0.903697
Error for epoch 510 : 0.971874
Error for epoch 511 : 0.901975
Error for epoch 512 : 0.964256
Error for epoch 513 : 0.842653
Error for epoch 514 : 1.130411
Error for epoch 515 : 0.644014
Error for epoch 516 : 0.925443
Error for epoch 517 : 0.951063
Error for epoch 518 : 0.631787
Error for epoch 519 : 0.931055
Error for epoch 520 : 0.945675
Error for epoch 521 : 0.775796
Error for epoch 522 : 0.761093
Error for epoch 523 : 0.909773
Error for epoch 524 : 0.921644
Error for epoch 525 : 0.806546
Error for epoch 526 : 0.858173
Error for epoch 527 : 0.953718
Error for epoch 528 : 0.933820
Error for epoch 529 : 0.948903
Error for epoch 530 : 0.679314
Error for epoch 531 : 0.928474
Error for epoch 532 : 0.911076
Error for epoch 533 : 0.872673
Error for epoch 534 : 1.186947
Error for epoch 535 : 0.968625
Error for epoch 536 : 0.905783
Error for epoch 537 : 1.077972

Error for epoch 538 : 0.881403
Error for epoch 539 : 0.787677
Error for epoch 540 : 0.872113
Error for epoch 541 : 0.930172
Error for epoch 542 : 0.888063
Error for epoch 543 : 0.740113
Error for epoch 544 : 0.792873
Error for epoch 545 : 0.914800
Error for epoch 546 : 0.663541
Error for epoch 547 : 0.822255
Error for epoch 548 : 0.930956
Error for epoch 549 : 0.895813
Error for epoch 550 : 0.850194
Error for epoch 551 : 0.991602
Error for epoch 552 : 0.915527
Error for epoch 553 : 0.766556
Error for epoch 554 : 0.884441
Error for epoch 555 : 0.953184
Error for epoch 556 : 0.899260
Error for epoch 557 : 0.738491
Error for epoch 558 : 0.878886
Error for epoch 559 : 0.876390
Error for epoch 560 : 0.970299
Error for epoch 561 : 1.014090
Error for epoch 562 : 0.849795
Error for epoch 563 : 0.955482
Error for epoch 564 : 1.002828
Error for epoch 565 : 0.955713
Error for epoch 566 : 0.923650
Error for epoch 567 : 0.871605
Error for epoch 568 : 0.847472
Error for epoch 569 : 1.065096
Error for epoch 570 : 0.806402
Error for epoch 571 : 0.938075
Error for epoch 572 : 0.913416
Error for epoch 573 : 0.777597
Error for epoch 574 : 0.892328
Error for epoch 575 : 0.812742
Error for epoch 576 : 1.024006
Error for epoch 577 : 0.849465
Error for epoch 578 : 1.031532
Error for epoch 579 : 0.956001
Error for epoch 580 : 0.830543
Error for epoch 581 : 0.731445
Error for epoch 582 : 0.959761
Error for epoch 583 : 0.827990
Error for epoch 584 : 0.958199
Error for epoch 585 : 0.822772
Error for epoch 586 : 0.989183
Error for epoch 587 : 0.974824
Error for epoch 588 : 1.096558
Error for epoch 589 : 0.939315
Error for epoch 590 : 0.856524
Error for epoch 591 : 0.794911

Error for epoch 592 : 1.022947
Error for epoch 593 : 0.873698
Error for epoch 594 : 0.918938
Error for epoch 595 : 0.937947
Error for epoch 596 : 0.709745
Error for epoch 597 : 0.914256
Error for epoch 598 : 0.846211
Error for epoch 599 : 0.679948
Error for epoch 600 : 0.829393
Error for epoch 601 : 0.753756
Error for epoch 602 : 0.698860
Error for epoch 603 : 0.836583
Error for epoch 604 : 0.940688
Error for epoch 605 : 0.826042
Error for epoch 606 : 0.813298
Error for epoch 607 : 0.756148
Error for epoch 608 : 0.997247
Error for epoch 609 : 0.912372
Error for epoch 610 : 0.879539
Error for epoch 611 : 0.933313
Error for epoch 612 : 0.971682
Error for epoch 613 : 0.663475
Error for epoch 614 : 0.754199
Error for epoch 615 : 0.806838
Error for epoch 616 : 0.902475
Error for epoch 617 : 1.044092
Error for epoch 618 : 0.813496
Error for epoch 619 : 1.015060
Error for epoch 620 : 0.947605
Error for epoch 621 : 0.891500
Error for epoch 622 : 1.033271
Error for epoch 623 : 0.894204
Error for epoch 624 : 0.818507
Error for epoch 625 : 0.717142
Error for epoch 626 : 1.092499
Error for epoch 627 : 0.746006
Error for epoch 628 : 0.774305
Error for epoch 629 : 0.906739
Error for epoch 630 : 1.008010
Error for epoch 631 : 0.975584
Error for epoch 632 : 0.823389
Error for epoch 633 : 0.635376
Error for epoch 634 : 0.986036
Error for epoch 635 : 0.954683
Error for epoch 636 : 0.744720
Error for epoch 637 : 0.819328
Error for epoch 638 : 0.904994
Error for epoch 639 : 0.873087
Error for epoch 640 : 0.716085
Error for epoch 641 : 0.947630
Error for epoch 642 : 0.748636
Error for epoch 643 : 1.130389
Error for epoch 644 : 0.940882
Error for epoch 645 : 0.969950

Error for epoch 646 : 0.755332
Error for epoch 647 : 0.803546
Error for epoch 648 : 0.692339
Error for epoch 649 : 0.730389
Error for epoch 650 : 0.831338
Error for epoch 651 : 1.011410
Error for epoch 652 : 0.714088
Error for epoch 653 : 0.954945
Error for epoch 654 : 0.856235
Error for epoch 655 : 0.746660
Error for epoch 656 : 0.986557
Error for epoch 657 : 0.917248
Error for epoch 658 : 0.810491
Error for epoch 659 : 0.951641
Error for epoch 660 : 0.737515
Error for epoch 661 : 0.795324
Error for epoch 662 : 0.926140
Error for epoch 663 : 0.767119
Error for epoch 664 : 0.928112
Error for epoch 665 : 0.746226
Error for epoch 666 : 0.883896
Error for epoch 667 : 0.969641
Error for epoch 668 : 0.860077
Error for epoch 669 : 0.940727
Error for epoch 670 : 0.888546
Error for epoch 671 : 0.744698
Error for epoch 672 : 0.663257
Error for epoch 673 : 0.788227
Error for epoch 674 : 1.007352
Error for epoch 675 : 0.952338
Error for epoch 676 : 0.747611
Error for epoch 677 : 0.921515
Error for epoch 678 : 0.767603
Error for epoch 679 : 1.084412
Error for epoch 680 : 0.852857
Error for epoch 681 : 0.782612
Error for epoch 682 : 0.871444
Error for epoch 683 : 0.600487
Error for epoch 684 : 0.685633
Error for epoch 685 : 0.929669
Error for epoch 686 : 0.922662
Error for epoch 687 : 0.972777
Error for epoch 688 : 0.847529
Error for epoch 689 : 0.950671
Error for epoch 690 : 0.797378
Error for epoch 691 : 0.821783
Error for epoch 692 : 0.886093
Error for epoch 693 : 1.010807
Error for epoch 694 : 0.748249
Error for epoch 695 : 0.754220
Error for epoch 696 : 0.853111
Error for epoch 697 : 0.978465
Error for epoch 698 : 0.673609
Error for epoch 699 : 0.755009

Error for epoch 700 : 1.079291
Error for epoch 701 : 0.678575
Error for epoch 702 : 1.111892
Error for epoch 703 : 0.985710
Error for epoch 704 : 0.541808
Error for epoch 705 : 1.112586
Error for epoch 706 : 0.757935
Error for epoch 707 : 0.835917
Error for epoch 708 : 0.917239
Error for epoch 709 : 0.921904
Error for epoch 710 : 0.698746
Error for epoch 711 : 0.911193
Error for epoch 712 : 0.786834
Error for epoch 713 : 1.004325
Error for epoch 714 : 0.798503
Error for epoch 715 : 0.975757
Error for epoch 716 : 0.915368
Error for epoch 717 : 0.894587
Error for epoch 718 : 0.848608
Error for epoch 719 : 0.869244
Error for epoch 720 : 0.771631
Error for epoch 721 : 0.971428
Error for epoch 722 : 0.892392
Error for epoch 723 : 0.892395
Error for epoch 724 : 1.021023
Error for epoch 725 : 0.797694
Error for epoch 726 : 0.851015
Error for epoch 727 : 0.811771
Error for epoch 728 : 1.029854
Error for epoch 729 : 0.933384
Error for epoch 730 : 0.989218
Error for epoch 731 : 0.785821
Error for epoch 732 : 0.955909
Error for epoch 733 : 0.820195
Error for epoch 734 : 0.942080
Error for epoch 735 : 0.821780
Error for epoch 736 : 0.919291
Error for epoch 737 : 1.001949
Error for epoch 738 : 0.744072
Error for epoch 739 : 0.946890
Error for epoch 740 : 0.870948
Error for epoch 741 : 0.918536
Error for epoch 742 : 0.865569
Error for epoch 743 : 0.843984
Error for epoch 744 : 0.686948
Error for epoch 745 : 0.719312
Error for epoch 746 : 0.683354
Error for epoch 747 : 0.956956
Error for epoch 748 : 0.904924
Error for epoch 749 : 0.602210
Error for epoch 750 : 0.988418
Error for epoch 751 : 0.915448
Error for epoch 752 : 0.743551
Error for epoch 753 : 0.865047

Error for epoch 754 : 1.042387
Error for epoch 755 : 1.164903
Error for epoch 756 : 0.810039
Error for epoch 757 : 0.944547
Error for epoch 758 : 0.860175
Error for epoch 759 : 0.771832
Error for epoch 760 : 0.949950
Error for epoch 761 : 0.966819
Error for epoch 762 : 0.788471
Error for epoch 763 : 0.959886
Error for epoch 764 : 0.721250
Error for epoch 765 : 0.966785
Error for epoch 766 : 1.043739
Error for epoch 767 : 0.702408
Error for epoch 768 : 0.919928
Error for epoch 769 : 0.728058
Error for epoch 770 : 0.823964
Error for epoch 771 : 0.977501
Error for epoch 772 : 0.788081
Error for epoch 773 : 1.013806
Error for epoch 774 : 0.983770
Error for epoch 775 : 0.954994
Error for epoch 776 : 0.635878
Error for epoch 777 : 0.869353
Error for epoch 778 : 0.967450
Error for epoch 779 : 0.800526
Error for epoch 780 : 0.927268
Error for epoch 781 : 1.000289
Error for epoch 782 : 0.842250
Error for epoch 783 : 0.981811
Error for epoch 784 : 0.619698
Error for epoch 785 : 0.916767
Error for epoch 786 : 0.875792
Error for epoch 787 : 0.846471
Error for epoch 788 : 0.716107
Error for epoch 789 : 0.958851
Error for epoch 790 : 0.973250
Error for epoch 791 : 1.032476
Error for epoch 792 : 0.912438
Error for epoch 793 : 0.753484
Error for epoch 794 : 0.832712
Error for epoch 795 : 1.028479
Error for epoch 796 : 0.817087
Error for epoch 797 : 0.892208
Error for epoch 798 : 0.669539
Error for epoch 799 : 0.946510
Error for epoch 800 : 0.672202
Error for epoch 801 : 1.049063
Error for epoch 802 : 0.721282
Error for epoch 803 : 1.007153
Error for epoch 804 : 0.854386
Error for epoch 805 : 0.802525
Error for epoch 806 : 0.968067
Error for epoch 807 : 0.669196

Error for epoch 808 : 1.047073
Error for epoch 809 : 0.972160
Error for epoch 810 : 0.908304
Error for epoch 811 : 0.951425
Error for epoch 812 : 0.946092
Error for epoch 813 : 0.860898
Error for epoch 814 : 1.079990
Error for epoch 815 : 0.720852
Error for epoch 816 : 0.911465
Error for epoch 817 : 0.860944
Error for epoch 818 : 0.892204
Error for epoch 819 : 0.952991
Error for epoch 820 : 0.660950
Error for epoch 821 : 0.651313
Error for epoch 822 : 0.843254
Error for epoch 823 : 0.985606
Error for epoch 824 : 0.997148
Error for epoch 825 : 0.824025
Error for epoch 826 : 0.779144
Error for epoch 827 : 1.109063
Error for epoch 828 : 0.844070
Error for epoch 829 : 0.935692
Error for epoch 830 : 0.646603
Error for epoch 831 : 0.795526
Error for epoch 832 : 0.967685
Error for epoch 833 : 0.963219
Error for epoch 834 : 0.776761
Error for epoch 835 : 0.989032
Error for epoch 836 : 0.610514
Error for epoch 837 : 0.737693
Error for epoch 838 : 0.916218
Error for epoch 839 : 1.174723
Error for epoch 840 : 0.689343
Error for epoch 841 : 0.944251
Error for epoch 842 : 0.897841
Error for epoch 843 : 0.894297
Error for epoch 844 : 0.799389
Error for epoch 845 : 0.735443
Error for epoch 846 : 1.041643
Error for epoch 847 : 0.960448
Error for epoch 848 : 0.898353
Error for epoch 849 : 0.719169
Error for epoch 850 : 0.924408
Error for epoch 851 : 1.078399
Error for epoch 852 : 0.923291
Error for epoch 853 : 0.926510
Error for epoch 854 : 1.000540
Error for epoch 855 : 0.972190
Error for epoch 856 : 0.927868
Error for epoch 857 : 0.860459
Error for epoch 858 : 0.729681
Error for epoch 859 : 0.763995
Error for epoch 860 : 0.681584
Error for epoch 861 : 0.834460

Error for epoch 862 : 0.702439
Error for epoch 863 : 0.853162
Error for epoch 864 : 0.987951
Error for epoch 865 : 0.911873
Error for epoch 866 : 0.888649
Error for epoch 867 : 0.921574
Error for epoch 868 : 0.912138
Error for epoch 869 : 1.093509
Error for epoch 870 : 0.638051
Error for epoch 871 : 0.809518
Error for epoch 872 : 0.968480
Error for epoch 873 : 0.820615
Error for epoch 874 : 0.695024
Error for epoch 875 : 0.875308
Error for epoch 876 : 0.857380
Error for epoch 877 : 0.572274
Error for epoch 878 : 0.623099
Error for epoch 879 : 0.784368
Error for epoch 880 : 0.804846
Error for epoch 881 : 0.903257
Error for epoch 882 : 0.977459
Error for epoch 883 : 0.959020
Error for epoch 884 : 0.925675
Error for epoch 885 : 0.841535
Error for epoch 886 : 0.620243
Error for epoch 887 : 0.978983
Error for epoch 888 : 0.939221
Error for epoch 889 : 0.964014
Error for epoch 890 : 0.932888
Error for epoch 891 : 0.950165
Error for epoch 892 : 0.850240
Error for epoch 893 : 0.925248
Error for epoch 894 : 0.762963
Error for epoch 895 : 1.010766
Error for epoch 896 : 0.932371
Error for epoch 897 : 0.944795
Error for epoch 898 : 0.795810
Error for epoch 899 : 0.556217
Error for epoch 900 : 0.934432
Error for epoch 901 : 0.834919
Error for epoch 902 : 0.967180
Error for epoch 903 : 1.004584
Error for epoch 904 : 0.916513
Error for epoch 905 : 0.996029
Error for epoch 906 : 0.940058
Error for epoch 907 : 0.817124
Error for epoch 908 : 1.072115
Error for epoch 909 : 0.892192
Error for epoch 910 : 0.895395
Error for epoch 911 : 0.890881
Error for epoch 912 : 0.892025
Error for epoch 913 : 0.774249
Error for epoch 914 : 0.725599
Error for epoch 915 : 0.861708

Error for epoch 916 : 0.866394
Error for epoch 917 : 0.984342
Error for epoch 918 : 1.010527
Error for epoch 919 : 0.859437
Error for epoch 920 : 0.830306
Error for epoch 921 : 0.968349
Error for epoch 922 : 0.840852
Error for epoch 923 : 0.867688
Error for epoch 924 : 0.841248
Error for epoch 925 : 0.887432
Error for epoch 926 : 0.697864
Error for epoch 927 : 0.781711
Error for epoch 928 : 0.932263
Error for epoch 929 : 0.697016
Error for epoch 930 : 0.824938
Error for epoch 931 : 0.931893
Error for epoch 932 : 0.914478
Error for epoch 933 : 0.826403
Error for epoch 934 : 0.874379
Error for epoch 935 : 0.987229
Error for epoch 936 : 0.746680
Error for epoch 937 : 0.771478
Error for epoch 938 : 0.503531
Error for epoch 939 : 1.000459
Error for epoch 940 : 0.896037
Error for epoch 941 : 0.963661
Error for epoch 942 : 0.724229
Error for epoch 943 : 0.838018
Error for epoch 944 : 1.019165
Error for epoch 945 : 0.982591
Error for epoch 946 : 0.899174
Error for epoch 947 : 0.791200
Error for epoch 948 : 0.891611
Error for epoch 949 : 0.945229
Error for epoch 950 : 0.900691
Error for epoch 951 : 0.892141
Error for epoch 952 : 1.416803
Error for epoch 953 : 0.607864
Error for epoch 954 : 0.952082
Error for epoch 955 : 0.944882
Error for epoch 956 : 0.949947
Error for epoch 957 : 0.718953
Error for epoch 958 : 0.987929
Error for epoch 959 : 0.912366
Error for epoch 960 : 0.830042
Error for epoch 961 : 0.656192
Error for epoch 962 : 0.832655
Error for epoch 963 : 0.873712
Error for epoch 964 : 0.844000
Error for epoch 965 : 0.981852
Error for epoch 966 : 0.541940
Error for epoch 967 : 0.883849
Error for epoch 968 : 0.937850
Error for epoch 969 : 0.994010

Error for epoch 970 : 0.903648
Error for epoch 971 : 0.645943
Error for epoch 972 : 0.937426
Error for epoch 973 : 0.853956
Error for epoch 974 : 0.759793
Error for epoch 975 : 0.913887
Error for epoch 976 : 0.972063
Error for epoch 977 : 0.974577
Error for epoch 978 : 0.875779
Error for epoch 979 : 0.895583
Error for epoch 980 : 0.949756
Error for epoch 981 : 0.824280
Error for epoch 982 : 0.617744
Error for epoch 983 : 0.725379
Error for epoch 984 : 0.957505
Error for epoch 985 : 0.962010
Error for epoch 986 : 0.789258
Error for epoch 987 : 0.863978
Error for epoch 988 : 0.958300
Error for epoch 989 : 0.780221
Error for epoch 990 : 1.192152
Error for epoch 991 : 0.870059
Error for epoch 992 : 0.779555
Error for epoch 993 : 0.959832
Error for epoch 994 : 0.967583
Error for epoch 995 : 0.931182
Error for epoch 996 : 1.001928
Error for epoch 997 : 0.843320
Error for epoch 998 : 0.936953
Error for epoch 999 : 0.955595
Error for epoch 1000 : 0.862075
Error for epoch 1001 : 0.820696
Error for epoch 1002 : 0.878633
Error for epoch 1003 : 0.980890
Error for epoch 1004 : 0.754929
Error for epoch 1005 : 0.848874
Error for epoch 1006 : 0.735112
Error for epoch 1007 : 0.977187
Error for epoch 1008 : 0.897487
Error for epoch 1009 : 0.718880
Error for epoch 1010 : 0.879978
Error for epoch 1011 : 0.884546
Error for epoch 1012 : 0.940812
Error for epoch 1013 : 0.918590
Error for epoch 1014 : 0.940622
Error for epoch 1015 : 0.862484
Error for epoch 1016 : 0.731600
Error for epoch 1017 : 0.758156
Error for epoch 1018 : 0.766248
Error for epoch 1019 : 0.823900
Error for epoch 1020 : 0.955906
Error for epoch 1021 : 0.800119
Error for epoch 1022 : 0.855365
Error for epoch 1023 : 0.914435

Error for epoch 1024 : 0.896625
Error for epoch 1025 : 0.821548
Error for epoch 1026 : 0.856033
Error for epoch 1027 : 0.963673
Error for epoch 1028 : 0.743237
Error for epoch 1029 : 0.610399
Error for epoch 1030 : 0.891995
Error for epoch 1031 : 0.850842
Error for epoch 1032 : 0.889169
Error for epoch 1033 : 0.706423
Error for epoch 1034 : 0.926151
Error for epoch 1035 : 0.835564
Error for epoch 1036 : 0.900032
Error for epoch 1037 : 0.942285
Error for epoch 1038 : 1.062384
Error for epoch 1039 : 1.006023
Error for epoch 1040 : 0.817720
Error for epoch 1041 : 0.727796
Error for epoch 1042 : 0.689616
Error for epoch 1043 : 0.725498
Error for epoch 1044 : 0.926968
Error for epoch 1045 : 1.092653
Error for epoch 1046 : 0.683609
Error for epoch 1047 : 0.845011
Error for epoch 1048 : 0.776076
Error for epoch 1049 : 0.819554
Error for epoch 1050 : 0.848283
Error for epoch 1051 : 0.991872
Error for epoch 1052 : 0.666839
Error for epoch 1053 : 0.672049
Error for epoch 1054 : 0.611042
Error for epoch 1055 : 0.873605
Error for epoch 1056 : 0.865095
Error for epoch 1057 : 0.721091
Error for epoch 1058 : 0.934317
Error for epoch 1059 : 0.708649
Error for epoch 1060 : 0.946821
Error for epoch 1061 : 0.828188
Error for epoch 1062 : 0.782379
Error for epoch 1063 : 0.722122
Error for epoch 1064 : 0.838687
Error for epoch 1065 : 0.714064
Error for epoch 1066 : 0.861578
Error for epoch 1067 : 0.657545
Error for epoch 1068 : 0.832289
Error for epoch 1069 : 0.798951
Error for epoch 1070 : 0.683289
Error for epoch 1071 : 0.863309
Error for epoch 1072 : 0.862873
Error for epoch 1073 : 1.066764
Error for epoch 1074 : 0.837365
Error for epoch 1075 : 0.929848
Error for epoch 1076 : 1.074744
Error for epoch 1077 : 0.675820

Error for epoch 1078 : 1.022588
Error for epoch 1079 : 1.004682
Error for epoch 1080 : 0.747779
Error for epoch 1081 : 0.861365
Error for epoch 1082 : 0.933877
Error for epoch 1083 : 0.656402
Error for epoch 1084 : 0.840533
Error for epoch 1085 : 0.820949
Error for epoch 1086 : 0.925286
Error for epoch 1087 : 0.960948
Error for epoch 1088 : 0.945651
Error for epoch 1089 : 0.861518
Error for epoch 1090 : 0.812694
Error for epoch 1091 : 0.921373
Error for epoch 1092 : 1.055437
Error for epoch 1093 : 0.763170
Error for epoch 1094 : 0.905062
Error for epoch 1095 : 0.665023
Error for epoch 1096 : 0.763340
Error for epoch 1097 : 0.726957
Error for epoch 1098 : 0.838031
Error for epoch 1099 : 1.005476
Error for epoch 1100 : 0.830077
Error for epoch 1101 : 0.755666
Error for epoch 1102 : 0.954546
Error for epoch 1103 : 1.121847
Error for epoch 1104 : 0.661595
Error for epoch 1105 : 0.608893
Error for epoch 1106 : 0.819310
Error for epoch 1107 : 0.754396
Error for epoch 1108 : 0.882865
Error for epoch 1109 : 0.658297
Error for epoch 1110 : 0.589833
Error for epoch 1111 : 1.125802
Error for epoch 1112 : 0.965122
Error for epoch 1113 : 0.993311
Error for epoch 1114 : 0.975663
Error for epoch 1115 : 0.915965
Error for epoch 1116 : 0.888234
Error for epoch 1117 : 0.766342
Error for epoch 1118 : 0.586293
Error for epoch 1119 : 0.944528
Error for epoch 1120 : 1.063469
Error for epoch 1121 : 0.759903
Error for epoch 1122 : 0.984455
Error for epoch 1123 : 0.785847
Error for epoch 1124 : 0.983048
Error for epoch 1125 : 0.902906
Error for epoch 1126 : 0.892214
Error for epoch 1127 : 0.968574
Error for epoch 1128 : 0.976495
Error for epoch 1129 : 0.984609
Error for epoch 1130 : 0.839967
Error for epoch 1131 : 0.973962

Error for epoch 1132 : 0.860295
Error for epoch 1133 : 0.720761
Error for epoch 1134 : 0.806320
Error for epoch 1135 : 1.041932
Error for epoch 1136 : 0.979100
Error for epoch 1137 : 0.974870
Error for epoch 1138 : 0.991829
Error for epoch 1139 : 0.883195
Error for epoch 1140 : 0.637973
Error for epoch 1141 : 0.810929
Error for epoch 1142 : 0.748126
Error for epoch 1143 : 0.963842
Error for epoch 1144 : 0.764802
Error for epoch 1145 : 0.898122
Error for epoch 1146 : 0.881490
Error for epoch 1147 : 0.662011
Error for epoch 1148 : 0.956810
Error for epoch 1149 : 0.774045
Error for epoch 1150 : 0.962262
Error for epoch 1151 : 1.030192
Error for epoch 1152 : 0.849176
Error for epoch 1153 : 0.801555
Error for epoch 1154 : 0.925766
Error for epoch 1155 : 0.955824
Error for epoch 1156 : 0.700840
Error for epoch 1157 : 0.826305
Error for epoch 1158 : 0.959871
Error for epoch 1159 : 0.861209
Error for epoch 1160 : 0.855526
Error for epoch 1161 : 0.580797
Error for epoch 1162 : 0.865590
Error for epoch 1163 : 1.080434
Error for epoch 1164 : 0.878743
Error for epoch 1165 : 0.870830
Error for epoch 1166 : 0.882889
Error for epoch 1167 : 0.913954
Error for epoch 1168 : 0.894630
Error for epoch 1169 : 0.734949
Error for epoch 1170 : 0.744612
Error for epoch 1171 : 0.856666
Error for epoch 1172 : 0.843593
Error for epoch 1173 : 0.960683
Error for epoch 1174 : 0.843419
Error for epoch 1175 : 0.845072
Error for epoch 1176 : 0.752568
Error for epoch 1177 : 0.947279
Error for epoch 1178 : 0.810943
Error for epoch 1179 : 0.932649
Error for epoch 1180 : 0.916842
Error for epoch 1181 : 0.929670
Error for epoch 1182 : 0.637567
Error for epoch 1183 : 0.683325
Error for epoch 1184 : 0.978580
Error for epoch 1185 : 0.568810

Error for epoch 1186 : 0.811665
Error for epoch 1187 : 0.901457
Error for epoch 1188 : 0.902312
Error for epoch 1189 : 0.933239
Error for epoch 1190 : 0.885149
Error for epoch 1191 : 0.818581
Error for epoch 1192 : 0.580429
Error for epoch 1193 : 0.724254
Error for epoch 1194 : 0.934552
Error for epoch 1195 : 0.865607
Error for epoch 1196 : 0.879484
Error for epoch 1197 : 0.799663
Error for epoch 1198 : 0.775569
Error for epoch 1199 : 0.871563
Error for epoch 1200 : 0.917863
Error for epoch 1201 : 0.980272
Error for epoch 1202 : 0.748576
Error for epoch 1203 : 0.821137
Error for epoch 1204 : 0.871437
Error for epoch 1205 : 1.035361
Error for epoch 1206 : 0.820817
Error for epoch 1207 : 0.921252
Error for epoch 1208 : 0.836194
Error for epoch 1209 : 0.772992
Error for epoch 1210 : 0.547416
Error for epoch 1211 : 0.786672
Error for epoch 1212 : 0.767640
Error for epoch 1213 : 0.809487
Error for epoch 1214 : 0.909295
Error for epoch 1215 : 0.957215
Error for epoch 1216 : 0.430095
Error for epoch 1217 : 0.868904
Error for epoch 1218 : 0.904370
Error for epoch 1219 : 1.006681
Error for epoch 1220 : 1.066773
Error for epoch 1221 : 0.980914
Error for epoch 1222 : 0.737651
Error for epoch 1223 : 0.882820
Error for epoch 1224 : 0.756917
Error for epoch 1225 : 0.819966
Error for epoch 1226 : 0.745013
Error for epoch 1227 : 0.890268
Error for epoch 1228 : 0.706897
Error for epoch 1229 : 0.419433
Error for epoch 1230 : 1.040362
Error for epoch 1231 : 1.080006
Error for epoch 1232 : 1.029440
Error for epoch 1233 : 0.758882
Error for epoch 1234 : 0.878755
Error for epoch 1235 : 0.863514
Error for epoch 1236 : 0.901695
Error for epoch 1237 : 0.717358
Error for epoch 1238 : 0.900321
Error for epoch 1239 : 0.748140

Error for epoch 1240 : 0.704279
Error for epoch 1241 : 0.895727
Error for epoch 1242 : 0.928131
Error for epoch 1243 : 0.906266
Error for epoch 1244 : 0.954822
Error for epoch 1245 : 0.878102
Error for epoch 1246 : 0.875093
Error for epoch 1247 : 0.901777
Error for epoch 1248 : 0.807592
Error for epoch 1249 : 0.891545
Error for epoch 1250 : 0.963634
Error for epoch 1251 : 0.807000
Error for epoch 1252 : 0.992571
Error for epoch 1253 : 0.735689
Error for epoch 1254 : 0.903540
Error for epoch 1255 : 0.709238
Error for epoch 1256 : 0.954287
Error for epoch 1257 : 0.760502
Error for epoch 1258 : 0.946396
Error for epoch 1259 : 0.809534
Error for epoch 1260 : 0.960956
Error for epoch 1261 : 0.941661
Error for epoch 1262 : 0.907560
Error for epoch 1263 : 0.904250
Error for epoch 1264 : 0.939611
Error for epoch 1265 : 0.892671
Error for epoch 1266 : 0.632755
Error for epoch 1267 : 0.886336
Error for epoch 1268 : 0.903986
Error for epoch 1269 : 0.928385
Error for epoch 1270 : 0.855847
Error for epoch 1271 : 0.889328
Error for epoch 1272 : 0.908034
Error for epoch 1273 : 0.889069
Error for epoch 1274 : 0.660169
Error for epoch 1275 : 1.021515
Error for epoch 1276 : 0.871422
Error for epoch 1277 : 0.639422
Error for epoch 1278 : 0.973485
Error for epoch 1279 : 0.729386
Error for epoch 1280 : 0.935906
Error for epoch 1281 : 1.000833
Error for epoch 1282 : 1.023909
Error for epoch 1283 : 1.021306
Error for epoch 1284 : 0.747407
Error for epoch 1285 : 0.851637
Error for epoch 1286 : 0.955255
Error for epoch 1287 : 0.699961
Error for epoch 1288 : 0.673214
Error for epoch 1289 : 0.957526
Error for epoch 1290 : 0.896970
Error for epoch 1291 : 0.690450
Error for epoch 1292 : 0.746963
Error for epoch 1293 : 0.822049

Error for epoch 1294 : 1.063888
Error for epoch 1295 : 0.999324
Error for epoch 1296 : 0.704019
Error for epoch 1297 : 0.774679
Error for epoch 1298 : 0.819547
Error for epoch 1299 : 0.874349
Error for epoch 1300 : 0.849995
Error for epoch 1301 : 0.778930
Error for epoch 1302 : 0.837691
Error for epoch 1303 : 1.005883
Error for epoch 1304 : 1.065024
Error for epoch 1305 : 0.804021
Error for epoch 1306 : 0.850459
Error for epoch 1307 : 0.818071
Error for epoch 1308 : 0.958946
Error for epoch 1309 : 0.779851
Error for epoch 1310 : 0.868688
Error for epoch 1311 : 0.943960
Error for epoch 1312 : 0.883818
Error for epoch 1313 : 0.962460
Error for epoch 1314 : 0.836604
Error for epoch 1315 : 0.831345
Error for epoch 1316 : 0.898967
Error for epoch 1317 : 0.790767
Error for epoch 1318 : 0.840733
Error for epoch 1319 : 0.947765
Error for epoch 1320 : 0.922905
Error for epoch 1321 : 0.819659
Error for epoch 1322 : 0.666529
Error for epoch 1323 : 0.736644
Error for epoch 1324 : 0.919359
Error for epoch 1325 : 0.959379
Error for epoch 1326 : 0.794574
Error for epoch 1327 : 0.972111
Error for epoch 1328 : 0.944471
Error for epoch 1329 : 0.883357
Error for epoch 1330 : 0.903798
Error for epoch 1331 : 0.973088
Error for epoch 1332 : 0.881754
Error for epoch 1333 : 0.799237
Error for epoch 1334 : 0.783753
Error for epoch 1335 : 0.864650
Error for epoch 1336 : 0.845781
Error for epoch 1337 : 0.865163
Error for epoch 1338 : 0.838019
Error for epoch 1339 : 1.094492
Error for epoch 1340 : 0.705582
Error for epoch 1341 : 0.769765
Error for epoch 1342 : 0.875632
Error for epoch 1343 : 0.774065
Error for epoch 1344 : 0.840479
Error for epoch 1345 : 0.949850
Error for epoch 1346 : 0.859460
Error for epoch 1347 : 0.964490

Error for epoch 1348 : 0.921478
Error for epoch 1349 : 0.869710
Error for epoch 1350 : 0.880833
Error for epoch 1351 : 0.982656
Error for epoch 1352 : 0.698387
Error for epoch 1353 : 0.934011
Error for epoch 1354 : 0.933542
Error for epoch 1355 : 0.937324
Error for epoch 1356 : 0.965783
Error for epoch 1357 : 0.774859
Error for epoch 1358 : 0.624180
Error for epoch 1359 : 0.969345
Error for epoch 1360 : 0.765507
Error for epoch 1361 : 0.843016
Error for epoch 1362 : 0.850053
Error for epoch 1363 : 0.865950
Error for epoch 1364 : 0.738495
Error for epoch 1365 : 0.807140
Error for epoch 1366 : 0.904486
Error for epoch 1367 : 0.758414
Error for epoch 1368 : 0.537778
Error for epoch 1369 : 0.913593
Error for epoch 1370 : 0.748436
Error for epoch 1371 : 0.748436
Error for epoch 1372 : 0.813292
Error for epoch 1373 : 0.950868
Error for epoch 1374 : 0.814696
Error for epoch 1375 : 0.892002
Error for epoch 1376 : 0.738811
Error for epoch 1377 : 0.743051
Error for epoch 1378 : 0.832546
Error for epoch 1379 : 0.635531
Error for epoch 1380 : 0.823980
Error for epoch 1381 : 0.844274
Error for epoch 1382 : 0.750088
Error for epoch 1383 : 1.145657
Error for epoch 1384 : 0.732982
Error for epoch 1385 : 0.775138
Error for epoch 1386 : 0.997037
Error for epoch 1387 : 0.592710
Error for epoch 1388 : 0.748725
Error for epoch 1389 : 0.779294
Error for epoch 1390 : 0.844597
Error for epoch 1391 : 0.971303
Error for epoch 1392 : 0.906811
Error for epoch 1393 : 1.056096
Error for epoch 1394 : 1.013193
Error for epoch 1395 : 0.835711
Error for epoch 1396 : 0.954358
Error for epoch 1397 : 0.657552
Error for epoch 1398 : 0.799190
Error for epoch 1399 : 0.606169
Error for epoch 1400 : 0.771101
Error for epoch 1401 : 0.954631

Error for epoch 1402 : 0.980630
Error for epoch 1403 : 0.913298
Error for epoch 1404 : 0.774044
Error for epoch 1405 : 0.973381
Error for epoch 1406 : 0.882747
Error for epoch 1407 : 0.924782
Error for epoch 1408 : 0.637553
Error for epoch 1409 : 0.582768
Error for epoch 1410 : 0.785421
Error for epoch 1411 : 0.812749
Error for epoch 1412 : 0.696220
Error for epoch 1413 : 0.683705
Error for epoch 1414 : 1.017355
Error for epoch 1415 : 1.013092
Error for epoch 1416 : 0.786884
Error for epoch 1417 : 0.927631
Error for epoch 1418 : 0.865412
Error for epoch 1419 : 0.840972
Error for epoch 1420 : 0.799087
Error for epoch 1421 : 0.712359
Error for epoch 1422 : 0.926609
Error for epoch 1423 : 0.705400
Error for epoch 1424 : 0.901465
Error for epoch 1425 : 1.051988
Error for epoch 1426 : 0.882018
Error for epoch 1427 : 0.752283
Error for epoch 1428 : 0.957378
Error for epoch 1429 : 0.868393
Error for epoch 1430 : 0.894963
Error for epoch 1431 : 0.779036
Error for epoch 1432 : 0.931967
Error for epoch 1433 : 0.958463
Error for epoch 1434 : 0.877642
Error for epoch 1435 : 0.575287
Error for epoch 1436 : 0.851442
Error for epoch 1437 : 0.511494
Error for epoch 1438 : 0.617789
Error for epoch 1439 : 0.980536
Error for epoch 1440 : 1.079113
Error for epoch 1441 : 0.821089
Error for epoch 1442 : 0.822513
Error for epoch 1443 : 1.115601
Error for epoch 1444 : 0.809603
Error for epoch 1445 : 0.838371
Error for epoch 1446 : 0.845110
Error for epoch 1447 : 1.008803
Error for epoch 1448 : 0.929094
Error for epoch 1449 : 0.892166
Error for epoch 1450 : 0.781354
Error for epoch 1451 : 0.946571
Error for epoch 1452 : 0.604927
Error for epoch 1453 : 0.534933
Error for epoch 1454 : 0.731598
Error for epoch 1455 : 0.864264

Error for epoch 1456 : 0.914734
Error for epoch 1457 : 0.809326
Error for epoch 1458 : 0.765508
Error for epoch 1459 : 0.685008
Error for epoch 1460 : 1.014275
Error for epoch 1461 : 0.786112
Error for epoch 1462 : 0.594921
Error for epoch 1463 : 0.753239
Error for epoch 1464 : 0.943516
Error for epoch 1465 : 0.822234
Error for epoch 1466 : 0.950310
Error for epoch 1467 : 1.002440
Error for epoch 1468 : 0.714491
Error for epoch 1469 : 0.802235
Error for epoch 1470 : 0.979632
Error for epoch 1471 : 0.836234
Error for epoch 1472 : 1.060283
Error for epoch 1473 : 0.887924
Error for epoch 1474 : 0.926006
Error for epoch 1475 : 0.748656
Error for epoch 1476 : 0.841696
Error for epoch 1477 : 1.098061
Error for epoch 1478 : 0.721938
Error for epoch 1479 : 0.901628
Error for epoch 1480 : 0.898873
Error for epoch 1481 : 0.895502
Error for epoch 1482 : 0.867591
Error for epoch 1483 : 0.860550
Error for epoch 1484 : 0.833582
Error for epoch 1485 : 1.070667
Error for epoch 1486 : 0.552753
Error for epoch 1487 : 0.684014
Error for epoch 1488 : 0.972431
Error for epoch 1489 : 1.119456
Error for epoch 1490 : 0.887276
Error for epoch 1491 : 0.864230
Error for epoch 1492 : 0.953349
Error for epoch 1493 : 0.828381
Error for epoch 1494 : 0.884870
Error for epoch 1495 : 1.029790
Error for epoch 1496 : 0.893939
Error for epoch 1497 : 0.727123
Error for epoch 1498 : 0.922515
Error for epoch 1499 : 0.935885
Error for epoch 1500 : 0.886560
Error for epoch 1501 : 0.659952
Error for epoch 1502 : 0.663542
Error for epoch 1503 : 0.892009
Error for epoch 1504 : 0.824219
Error for epoch 1505 : 0.851404
Error for epoch 1506 : 0.897747
Error for epoch 1507 : 0.951686
Error for epoch 1508 : 0.745586
Error for epoch 1509 : 0.628617

Error for epoch 1510 : 0.876650
Error for epoch 1511 : 0.906517
Error for epoch 1512 : 1.031746
Error for epoch 1513 : 0.988254
Error for epoch 1514 : 1.077193
Error for epoch 1515 : 1.096383
Error for epoch 1516 : 0.898150
Error for epoch 1517 : 0.910952
Error for epoch 1518 : 0.982604
Error for epoch 1519 : 0.876358
Error for epoch 1520 : 0.859053
Error for epoch 1521 : 0.942100
Error for epoch 1522 : 0.861483
Error for epoch 1523 : 0.822471
Error for epoch 1524 : 0.859749
Error for epoch 1525 : 0.628518
Error for epoch 1526 : 0.858587
Error for epoch 1527 : 1.101244
Error for epoch 1528 : 0.997569
Error for epoch 1529 : 0.904627
Error for epoch 1530 : 0.872675
Error for epoch 1531 : 0.600494
Error for epoch 1532 : 1.099331
Error for epoch 1533 : 0.703153
Error for epoch 1534 : 0.905723
Error for epoch 1535 : 0.849766
Error for epoch 1536 : 0.808787
Error for epoch 1537 : 0.674202
Error for epoch 1538 : 0.718257
Error for epoch 1539 : 0.841225
Error for epoch 1540 : 0.816669
Error for epoch 1541 : 0.829468
Error for epoch 1542 : 0.899638
Error for epoch 1543 : 0.742364
Error for epoch 1544 : 0.790780
Error for epoch 1545 : 0.697743
Error for epoch 1546 : 0.630148
Error for epoch 1547 : 0.871271
Error for epoch 1548 : 0.694824
Error for epoch 1549 : 1.113356
Error for epoch 1550 : 0.755364
Error for epoch 1551 : 0.886857
Error for epoch 1552 : 1.203486
Error for epoch 1553 : 0.858114
Error for epoch 1554 : 0.845915
Error for epoch 1555 : 0.765851
Error for epoch 1556 : 0.834506
Error for epoch 1557 : 0.667178
Error for epoch 1558 : 0.606368
Error for epoch 1559 : 0.751831
Error for epoch 1560 : 0.645786
Error for epoch 1561 : 0.914987
Error for epoch 1562 : 0.776203
Error for epoch 1563 : 0.694292

Error for epoch 1564 : 0.681428
Error for epoch 1565 : 0.588354
Error for epoch 1566 : 0.724763
Error for epoch 1567 : 0.707674
Error for epoch 1568 : 0.807680
Error for epoch 1569 : 0.801667
Error for epoch 1570 : 0.890828
Error for epoch 1571 : 0.987383
Error for epoch 1572 : 0.789222
Error for epoch 1573 : 0.881315
Error for epoch 1574 : 1.001879
Error for epoch 1575 : 0.952387
Error for epoch 1576 : 0.673768
Error for epoch 1577 : 0.981576
Error for epoch 1578 : 0.996164
Error for epoch 1579 : 0.722152
Error for epoch 1580 : 0.913714
Error for epoch 1581 : 0.865505
Error for epoch 1582 : 0.659275
Error for epoch 1583 : 0.894129
Error for epoch 1584 : 0.909549
Error for epoch 1585 : 0.895134
Error for epoch 1586 : 0.994654
Error for epoch 1587 : 0.742652
Error for epoch 1588 : 0.743048
Error for epoch 1589 : 0.852505
Error for epoch 1590 : 0.515648
Error for epoch 1591 : 0.835321
Error for epoch 1592 : 0.789716
Error for epoch 1593 : 0.854307
Error for epoch 1594 : 0.539046
Error for epoch 1595 : 1.014426
Error for epoch 1596 : 0.984003
Error for epoch 1597 : 0.991214
Error for epoch 1598 : 0.646947
Error for epoch 1599 : 1.018507
Error for epoch 1600 : 0.730028
Error for epoch 1601 : 1.090608
Error for epoch 1602 : 0.955966
Error for epoch 1603 : 0.903237
Error for epoch 1604 : 0.840739
Error for epoch 1605 : 0.721399
Error for epoch 1606 : 0.888336
Error for epoch 1607 : 1.036213
Error for epoch 1608 : 0.950999
Error for epoch 1609 : 0.875929
Error for epoch 1610 : 0.958776
Error for epoch 1611 : 1.003716
Error for epoch 1612 : 0.786571
Error for epoch 1613 : 0.786463
Error for epoch 1614 : 0.792768
Error for epoch 1615 : 0.830942
Error for epoch 1616 : 0.906706
Error for epoch 1617 : 0.962368

Error for epoch 1618 : 0.960706
Error for epoch 1619 : 0.825312
Error for epoch 1620 : 0.902174
Error for epoch 1621 : 0.924587
Error for epoch 1622 : 0.878042
Error for epoch 1623 : 1.007202
Error for epoch 1624 : 0.746371
Error for epoch 1625 : 0.864306
Error for epoch 1626 : 0.684067
Error for epoch 1627 : 0.529405
Error for epoch 1628 : 0.590616
Error for epoch 1629 : 0.832048
Error for epoch 1630 : 0.973816
Error for epoch 1631 : 0.602264
Error for epoch 1632 : 0.916910
Error for epoch 1633 : 1.026128
Error for epoch 1634 : 0.952743
Error for epoch 1635 : 0.831097
Error for epoch 1636 : 0.757277
Error for epoch 1637 : 0.572518
Error for epoch 1638 : 0.434791
Error for epoch 1639 : 0.576271
Error for epoch 1640 : 1.026276
Error for epoch 1641 : 0.796656
Error for epoch 1642 : 0.899984
Error for epoch 1643 : 1.084555
Error for epoch 1644 : 0.699811
Error for epoch 1645 : 0.785113
Error for epoch 1646 : 1.062865
Error for epoch 1647 : 0.673690
Error for epoch 1648 : 0.913255
Error for epoch 1649 : 0.950456
Error for epoch 1650 : 0.925605
Error for epoch 1651 : 1.050585
Error for epoch 1652 : 0.643856
Error for epoch 1653 : 0.931000
Error for epoch 1654 : 0.907595
Error for epoch 1655 : 0.772212
Error for epoch 1656 : 1.083127
Error for epoch 1657 : 0.922016
Error for epoch 1658 : 0.958601
Error for epoch 1659 : 0.805219
Error for epoch 1660 : 0.896599
Error for epoch 1661 : 0.613508
Error for epoch 1662 : 1.000625
Error for epoch 1663 : 0.961821
Error for epoch 1664 : 0.590028
Error for epoch 1665 : 0.866109
Error for epoch 1666 : 0.866682
Error for epoch 1667 : 0.439835
Error for epoch 1668 : 0.781231
Error for epoch 1669 : 0.910944
Error for epoch 1670 : 0.796601
Error for epoch 1671 : 0.711760

Error for epoch 1672 : 0.730642
Error for epoch 1673 : 0.873394
Error for epoch 1674 : 0.883317
Error for epoch 1675 : 0.753309
Error for epoch 1676 : 0.851715
Error for epoch 1677 : 0.798835
Error for epoch 1678 : 0.497608
Error for epoch 1679 : 0.849853
Error for epoch 1680 : 0.967063
Error for epoch 1681 : 0.873644
Error for epoch 1682 : 0.780341
Error for epoch 1683 : 0.746019
Error for epoch 1684 : 0.834015
Error for epoch 1685 : 0.821033
Error for epoch 1686 : 0.632651
Error for epoch 1687 : 0.781567
Error for epoch 1688 : 0.505925
Error for epoch 1689 : 0.929845
Error for epoch 1690 : 0.799851
Error for epoch 1691 : 0.942166
Error for epoch 1692 : 0.845638
Error for epoch 1693 : 1.264873
Error for epoch 1694 : 0.920948
Error for epoch 1695 : 0.887285
Error for epoch 1696 : 0.629984
Error for epoch 1697 : 0.783977
Error for epoch 1698 : 0.858937
Error for epoch 1699 : 0.826801
Error for epoch 1700 : 0.707665
Error for epoch 1701 : 0.905777
Error for epoch 1702 : 0.831084
Error for epoch 1703 : 0.853660
Error for epoch 1704 : 0.770239
Error for epoch 1705 : 0.978186
Error for epoch 1706 : 0.684425
Error for epoch 1707 : 0.827488
Error for epoch 1708 : 0.995527
Error for epoch 1709 : 1.015179
Error for epoch 1710 : 1.004569
Error for epoch 1711 : 0.843670
Error for epoch 1712 : 0.746243
Error for epoch 1713 : 1.036968
Error for epoch 1714 : 0.918322
Error for epoch 1715 : 0.943310
Error for epoch 1716 : 0.960004
Error for epoch 1717 : 0.831527
Error for epoch 1718 : 0.611264
Error for epoch 1719 : 1.140731
Error for epoch 1720 : 0.761754
Error for epoch 1721 : 0.701444
Error for epoch 1722 : 0.718211
Error for epoch 1723 : 0.767578
Error for epoch 1724 : 0.796466
Error for epoch 1725 : 0.814918

Error for epoch 1726 : 0.724608
Error for epoch 1727 : 0.913773
Error for epoch 1728 : 0.954505
Error for epoch 1729 : 0.828324
Error for epoch 1730 : 0.866367
Error for epoch 1731 : 0.935604
Error for epoch 1732 : 0.706266
Error for epoch 1733 : 0.803690
Error for epoch 1734 : 0.981276
Error for epoch 1735 : 0.814230
Error for epoch 1736 : 0.885526
Error for epoch 1737 : 0.851068
Error for epoch 1738 : 0.934665
Error for epoch 1739 : 0.977649
Error for epoch 1740 : 1.033000
Error for epoch 1741 : 0.815526
Error for epoch 1742 : 0.803164
Error for epoch 1743 : 0.730632
Error for epoch 1744 : 0.798997
Error for epoch 1745 : 0.905398
Error for epoch 1746 : 0.788921
Error for epoch 1747 : 0.661175
Error for epoch 1748 : 1.185512
Error for epoch 1749 : 0.928343
Error for epoch 1750 : 0.925486
Error for epoch 1751 : 0.888053
Error for epoch 1752 : 0.903600
Error for epoch 1753 : 0.904262
Error for epoch 1754 : 0.598841
Error for epoch 1755 : 1.090468
Error for epoch 1756 : 0.998766
Error for epoch 1757 : 0.644914
Error for epoch 1758 : 1.021658
Error for epoch 1759 : 0.832648
Error for epoch 1760 : 0.557627
Error for epoch 1761 : 0.767679
Error for epoch 1762 : 0.807920
Error for epoch 1763 : 0.481238
Error for epoch 1764 : 0.745444
Error for epoch 1765 : 0.819270
Error for epoch 1766 : 0.680557
Error for epoch 1767 : 0.731406
Error for epoch 1768 : 0.714227
Error for epoch 1769 : 1.057416
Error for epoch 1770 : 1.062261
Error for epoch 1771 : 0.921282
Error for epoch 1772 : 0.835060
Error for epoch 1773 : 0.977020
Error for epoch 1774 : 0.843329
Error for epoch 1775 : 0.930452
Error for epoch 1776 : 0.825764
Error for epoch 1777 : 0.468575
Error for epoch 1778 : 0.942026
Error for epoch 1779 : 0.853213

Error for epoch 1780 : 0.686829
Error for epoch 1781 : 0.799057
Error for epoch 1782 : 0.612834
Error for epoch 1783 : 1.056347
Error for epoch 1784 : 0.828964
Error for epoch 1785 : 0.915343
Error for epoch 1786 : 1.022535
Error for epoch 1787 : 0.888170
Error for epoch 1788 : 0.591985
Error for epoch 1789 : 1.066112
Error for epoch 1790 : 0.918719
Error for epoch 1791 : 0.935717
Error for epoch 1792 : 0.891842
Error for epoch 1793 : 1.025486
Error for epoch 1794 : 0.478970
Error for epoch 1795 : 0.972549
Error for epoch 1796 : 0.901561
Error for epoch 1797 : 0.773245
Error for epoch 1798 : 0.877737
Error for epoch 1799 : 0.770804
Error for epoch 1800 : 0.833317
Error for epoch 1801 : 0.887629
Error for epoch 1802 : 0.913707
Error for epoch 1803 : 0.712149
Error for epoch 1804 : 0.815855
Error for epoch 1805 : 0.883972
Error for epoch 1806 : 1.181874
Error for epoch 1807 : 0.353006
Error for epoch 1808 : 0.919673
Error for epoch 1809 : 0.844714
Error for epoch 1810 : 0.925156
Error for epoch 1811 : 1.094767
Error for epoch 1812 : 0.894115
Error for epoch 1813 : 0.850599
Error for epoch 1814 : 0.971372
Error for epoch 1815 : 0.981591
Error for epoch 1816 : 0.774401
Error for epoch 1817 : 0.879155
Error for epoch 1818 : 0.909178
Error for epoch 1819 : 0.909359
Error for epoch 1820 : 1.060222
Error for epoch 1821 : 0.933527
Error for epoch 1822 : 0.820450
Error for epoch 1823 : 0.868074
Error for epoch 1824 : 0.699383
Error for epoch 1825 : 0.958802
Error for epoch 1826 : 0.725733
Error for epoch 1827 : 0.570066
Error for epoch 1828 : 0.440346
Error for epoch 1829 : 0.851171
Error for epoch 1830 : 0.898337
Error for epoch 1831 : 0.908667
Error for epoch 1832 : 0.682822
Error for epoch 1833 : 0.756716

Error for epoch 1834 : 1.106334
Error for epoch 1835 : 0.866879
Error for epoch 1836 : 0.721206
Error for epoch 1837 : 0.916111
Error for epoch 1838 : 0.639985
Error for epoch 1839 : 0.532523
Error for epoch 1840 : 0.877986
Error for epoch 1841 : 0.915039
Error for epoch 1842 : 0.752709
Error for epoch 1843 : 0.896144
Error for epoch 1844 : 0.496607
Error for epoch 1845 : 1.082926
Error for epoch 1846 : 0.770855
Error for epoch 1847 : 1.059114
Error for epoch 1848 : 0.937284
Error for epoch 1849 : 0.819308
Error for epoch 1850 : 0.737838
Error for epoch 1851 : 0.665109
Error for epoch 1852 : 1.283376
Error for epoch 1853 : 0.894633
Error for epoch 1854 : 0.711106
Error for epoch 1855 : 0.712810
Error for epoch 1856 : 0.999897
Error for epoch 1857 : 0.709147
Error for epoch 1858 : 0.929252
Error for epoch 1859 : 0.676925
Error for epoch 1860 : 0.772958
Error for epoch 1861 : 0.728032
Error for epoch 1862 : 0.983185
Error for epoch 1863 : 0.631037
Error for epoch 1864 : 0.852071
Error for epoch 1865 : 0.914519
Error for epoch 1866 : 0.730750
Error for epoch 1867 : 0.822224
Error for epoch 1868 : 0.871186
Error for epoch 1869 : 0.969017
Error for epoch 1870 : 0.929024
Error for epoch 1871 : 0.864980
Error for epoch 1872 : 0.531175
Error for epoch 1873 : 0.961817
Error for epoch 1874 : 0.903170
Error for epoch 1875 : 0.762864
Error for epoch 1876 : 0.887137
Error for epoch 1877 : 1.139978
Error for epoch 1878 : 1.194629
Error for epoch 1879 : 0.967761
Error for epoch 1880 : 1.006016
Error for epoch 1881 : 0.980476
Error for epoch 1882 : 0.852194
Error for epoch 1883 : 0.679782
Error for epoch 1884 : 1.047694
Error for epoch 1885 : 0.935167
Error for epoch 1886 : 0.512035
Error for epoch 1887 : 1.050452

Error for epoch 1888 : 0.817726
Error for epoch 1889 : 0.615838
Error for epoch 1890 : 0.569087
Error for epoch 1891 : 0.605267
Error for epoch 1892 : 0.821049
Error for epoch 1893 : 0.947347
Error for epoch 1894 : 0.964197
Error for epoch 1895 : 0.746093
Error for epoch 1896 : 0.907488
Error for epoch 1897 : 1.139193
Error for epoch 1898 : 0.989359
Error for epoch 1899 : 0.561199
Error for epoch 1900 : 0.932462
Error for epoch 1901 : 0.555444
Error for epoch 1902 : 0.639836
Error for epoch 1903 : 0.756205
Error for epoch 1904 : 0.836016
Error for epoch 1905 : 0.887060
Error for epoch 1906 : 0.963283
Error for epoch 1907 : 0.890588
Error for epoch 1908 : 0.701390
Error for epoch 1909 : 0.662944
Error for epoch 1910 : 0.906979
Error for epoch 1911 : 0.522480
Error for epoch 1912 : 0.748565
Error for epoch 1913 : 0.965842
Error for epoch 1914 : 0.727944
Error for epoch 1915 : 0.954248
Error for epoch 1916 : 0.791322
Error for epoch 1917 : 0.885861
Error for epoch 1918 : 0.887896
Error for epoch 1919 : 0.618601
Error for epoch 1920 : 0.944154
Error for epoch 1921 : 0.822280
Error for epoch 1922 : 1.006381
Error for epoch 1923 : 0.877055
Error for epoch 1924 : 0.796450
Error for epoch 1925 : 0.874331
Error for epoch 1926 : 0.961783
Error for epoch 1927 : 1.012983
Error for epoch 1928 : 0.986616
Error for epoch 1929 : 0.834309
Error for epoch 1930 : 0.698430
Error for epoch 1931 : 1.034454
Error for epoch 1932 : 0.894505
Error for epoch 1933 : 0.927925
Error for epoch 1934 : 0.877381
Error for epoch 1935 : 0.943701
Error for epoch 1936 : 0.979757
Error for epoch 1937 : 0.895463
Error for epoch 1938 : 0.773239
Error for epoch 1939 : 0.851663
Error for epoch 1940 : 0.835326
Error for epoch 1941 : 0.832909

Error for epoch 1942 : 0.829310
Error for epoch 1943 : 1.009106
Error for epoch 1944 : 0.835185
Error for epoch 1945 : 0.861865
Error for epoch 1946 : 1.011913
Error for epoch 1947 : 0.572650
Error for epoch 1948 : 0.861509
Error for epoch 1949 : 0.918800
Error for epoch 1950 : 0.894408
Error for epoch 1951 : 0.830553
Error for epoch 1952 : 1.000670
Error for epoch 1953 : 1.002793
Error for epoch 1954 : 0.869404
Error for epoch 1955 : 0.810879
Error for epoch 1956 : 0.847422
Error for epoch 1957 : 0.857925
Error for epoch 1958 : 0.786539
Error for epoch 1959 : 0.917792
Error for epoch 1960 : 0.797944
Error for epoch 1961 : 0.966540
Error for epoch 1962 : 0.822887
Error for epoch 1963 : 1.076684
Error for epoch 1964 : 0.762278
Error for epoch 1965 : 0.890764
Error for epoch 1966 : 0.794558
Error for epoch 1967 : 0.990551
Error for epoch 1968 : 0.793244
Error for epoch 1969 : 0.783796
Error for epoch 1970 : 0.993845
Error for epoch 1971 : 0.689947
Error for epoch 1972 : 0.745422
Error for epoch 1973 : 0.857151
Error for epoch 1974 : 0.820633
Error for epoch 1975 : 0.902195
Error for epoch 1976 : 0.769085
Error for epoch 1977 : 0.975412
Error for epoch 1978 : 1.000890
Error for epoch 1979 : 0.737200
Error for epoch 1980 : 0.818417
Error for epoch 1981 : 0.770566
Error for epoch 1982 : 0.838385
Error for epoch 1983 : 0.780298
Error for epoch 1984 : 0.737524
Error for epoch 1985 : 0.687414
Error for epoch 1986 : 0.749941
Error for epoch 1987 : 0.881918
Error for epoch 1988 : 0.942728
Error for epoch 1989 : 0.903956
Error for epoch 1990 : 0.937946
Error for epoch 1991 : 0.924795
Error for epoch 1992 : 0.875486
Error for epoch 1993 : 0.785123
Error for epoch 1994 : 0.833957
Error for epoch 1995 : 0.802770

Error for epoch 1996 : 0.967463
Error for epoch 1997 : 0.664335
Error for epoch 1998 : 0.822706
Error for epoch 1999 : 0.690204
Error for epoch 2000 : 0.860354
Error for epoch 2001 : 0.889671
Error for epoch 2002 : 1.009373
Error for epoch 2003 : 0.503377
Error for epoch 2004 : 0.934032
Error for epoch 2005 : 0.698918
Error for epoch 2006 : 1.020911
Error for epoch 2007 : 0.637801
Error for epoch 2008 : 1.082496
Error for epoch 2009 : 0.775939
Error for epoch 2010 : 0.826826
Error for epoch 2011 : 0.804080
Error for epoch 2012 : 0.717880
Error for epoch 2013 : 0.891626
Error for epoch 2014 : 1.002017
Error for epoch 2015 : 1.012158
Error for epoch 2016 : 0.517898
Error for epoch 2017 : 0.644600
Error for epoch 2018 : 0.730237
Error for epoch 2019 : 0.746551
Error for epoch 2020 : 0.730812
Error for epoch 2021 : 1.104466
Error for epoch 2022 : 0.835308
Error for epoch 2023 : 0.812555
Error for epoch 2024 : 0.929153
Error for epoch 2025 : 0.937761
Error for epoch 2026 : 0.867349
Error for epoch 2027 : 0.637510
Error for epoch 2028 : 0.857145
Error for epoch 2029 : 0.840444
Error for epoch 2030 : 0.465805
Error for epoch 2031 : 0.740328
Error for epoch 2032 : 0.688210
Error for epoch 2033 : 0.770570
Error for epoch 2034 : 0.766875
Error for epoch 2035 : 0.808943
Error for epoch 2036 : 1.220398
Error for epoch 2037 : 0.745130
Error for epoch 2038 : 0.916959
Error for epoch 2039 : 0.853437
Error for epoch 2040 : 0.991169
Error for epoch 2041 : 0.917120
Error for epoch 2042 : 0.921944
Error for epoch 2043 : 0.748897
Error for epoch 2044 : 1.056619
Error for epoch 2045 : 0.634526
Error for epoch 2046 : 0.830857
Error for epoch 2047 : 0.880820
Error for epoch 2048 : 1.080673
Error for epoch 2049 : 0.825060

Error for epoch 2050 : 0.812259
Error for epoch 2051 : 0.726023
Error for epoch 2052 : 0.965789
Error for epoch 2053 : 0.999601
Error for epoch 2054 : 0.853855
Error for epoch 2055 : 1.080156
Error for epoch 2056 : 0.918291
Error for epoch 2057 : 0.989215
Error for epoch 2058 : 0.885796
Error for epoch 2059 : 0.877852
Error for epoch 2060 : 0.734978
Error for epoch 2061 : 0.919323
Error for epoch 2062 : 0.673425
Error for epoch 2063 : 0.847139
Error for epoch 2064 : 0.989309
Error for epoch 2065 : 1.005987
Error for epoch 2066 : 0.733397
Error for epoch 2067 : 0.580412
Error for epoch 2068 : 0.892949
Error for epoch 2069 : 0.833237
Error for epoch 2070 : 0.764533
Error for epoch 2071 : 1.134334
Error for epoch 2072 : 0.768353
Error for epoch 2073 : 0.985919
Error for epoch 2074 : 0.927765
Error for epoch 2075 : 0.700528
Error for epoch 2076 : 0.587633
Error for epoch 2077 : 0.661192
Error for epoch 2078 : 0.536765
Error for epoch 2079 : 0.992743
Error for epoch 2080 : 0.879199
Error for epoch 2081 : 0.814520
Error for epoch 2082 : 0.707856
Error for epoch 2083 : 0.437689
Error for epoch 2084 : 1.111981
Error for epoch 2085 : 0.664241
Error for epoch 2086 : 0.990245
Error for epoch 2087 : 1.003111
Error for epoch 2088 : 1.035821
Error for epoch 2089 : 0.827894
Error for epoch 2090 : 1.093916
Error for epoch 2091 : 0.922582
Error for epoch 2092 : 0.859123
Error for epoch 2093 : 0.908627
Error for epoch 2094 : 0.632062
Error for epoch 2095 : 0.960234
Error for epoch 2096 : 0.546386
Error for epoch 2097 : 0.818783
Error for epoch 2098 : 0.969838
Error for epoch 2099 : 0.783505
Error for epoch 2100 : 0.939939
Error for epoch 2101 : 0.789823
Error for epoch 2102 : 0.905798
Error for epoch 2103 : 0.597465

Error for epoch 2104 : 0.657092
Error for epoch 2105 : 0.668215
Error for epoch 2106 : 0.650613
Error for epoch 2107 : 0.815583
Error for epoch 2108 : 0.925803
Error for epoch 2109 : 0.889865
Error for epoch 2110 : 0.608363
Error for epoch 2111 : 0.846994
Error for epoch 2112 : 0.624177
Error for epoch 2113 : 1.003755
Error for epoch 2114 : 0.901219
Error for epoch 2115 : 0.678912
Error for epoch 2116 : 0.471001
Error for epoch 2117 : 0.967682
Error for epoch 2118 : 0.920320
Error for epoch 2119 : 0.945923
Error for epoch 2120 : 1.017100
Error for epoch 2121 : 0.604747
Error for epoch 2122 : 0.746656
Error for epoch 2123 : 0.948721
Error for epoch 2124 : 0.922996
Error for epoch 2125 : 1.115886
Error for epoch 2126 : 0.864293
Error for epoch 2127 : 0.825182
Error for epoch 2128 : 0.970034
Error for epoch 2129 : 0.897473
Error for epoch 2130 : 0.664705
Error for epoch 2131 : 0.823145
Error for epoch 2132 : 0.869174
Error for epoch 2133 : 0.899650
Error for epoch 2134 : 0.836206
Error for epoch 2135 : 0.911341
Error for epoch 2136 : 0.920230
Error for epoch 2137 : 0.872680
Error for epoch 2138 : 0.824975
Error for epoch 2139 : 0.794977
Error for epoch 2140 : 0.760084
Error for epoch 2141 : 0.822883
Error for epoch 2142 : 0.842919
Error for epoch 2143 : 0.872681
Error for epoch 2144 : 0.858503
Error for epoch 2145 : 0.800635
Error for epoch 2146 : 1.171467
Error for epoch 2147 : 0.569314
Error for epoch 2148 : 0.808116
Error for epoch 2149 : 0.961279
Error for epoch 2150 : 0.457194
Error for epoch 2151 : 0.609152
Error for epoch 2152 : 0.573578
Error for epoch 2153 : 0.994373
Error for epoch 2154 : 0.883629
Error for epoch 2155 : 0.754944
Error for epoch 2156 : 0.910540
Error for epoch 2157 : 0.791898

Error for epoch 2158 : 0.752999
Error for epoch 2159 : 0.966849
Error for epoch 2160 : 0.957334
Error for epoch 2161 : 0.526622
Error for epoch 2162 : 0.926080
Error for epoch 2163 : 0.707924
Error for epoch 2164 : 0.908999
Error for epoch 2165 : 0.732256
Error for epoch 2166 : 0.602860
Error for epoch 2167 : 0.652218
Error for epoch 2168 : 0.638322
Error for epoch 2169 : 0.766015
Error for epoch 2170 : 0.642358
Error for epoch 2171 : 0.947182
Error for epoch 2172 : 0.894255
Error for epoch 2173 : 0.897485
Error for epoch 2174 : 0.510128
Error for epoch 2175 : 1.201758
Error for epoch 2176 : 1.104053
Error for epoch 2177 : 0.457625
Error for epoch 2178 : 0.925244
Error for epoch 2179 : 0.546837
Error for epoch 2180 : 0.936695
Error for epoch 2181 : 0.999820
Error for epoch 2182 : 0.941661
Error for epoch 2183 : 0.900254
Error for epoch 2184 : 0.879496
Error for epoch 2185 : 0.445030
Error for epoch 2186 : 0.817025
Error for epoch 2187 : 0.555991
Error for epoch 2188 : 0.789337
Error for epoch 2189 : 0.963882
Error for epoch 2190 : 0.845449
Error for epoch 2191 : 0.650148
Error for epoch 2192 : 0.867115
Error for epoch 2193 : 0.788863
Error for epoch 2194 : 0.893877
Error for epoch 2195 : 0.898489
Error for epoch 2196 : 0.863016
Error for epoch 2197 : 0.825767
Error for epoch 2198 : 0.920860
Error for epoch 2199 : 0.733033
Error for epoch 2200 : 1.200743
Error for epoch 2201 : 1.091636
Error for epoch 2202 : 0.888707
Error for epoch 2203 : 0.924238
Error for epoch 2204 : 0.811898
Error for epoch 2205 : 0.612122
Error for epoch 2206 : 0.834814
Error for epoch 2207 : 0.772376
Error for epoch 2208 : 0.927172
Error for epoch 2209 : 0.846370
Error for epoch 2210 : 0.453418
Error for epoch 2211 : 0.764059

Error for epoch 2212 : 0.752151
Error for epoch 2213 : 0.856466
Error for epoch 2214 : 0.868926
Error for epoch 2215 : 1.061741
Error for epoch 2216 : 0.571732
Error for epoch 2217 : 0.875852
Error for epoch 2218 : 0.995475
Error for epoch 2219 : 0.894397
Error for epoch 2220 : 0.416844
Error for epoch 2221 : 0.894462
Error for epoch 2222 : 0.641135
Error for epoch 2223 : 0.541146
Error for epoch 2224 : 0.876850
Error for epoch 2225 : 0.918951
Error for epoch 2226 : 0.842621
Error for epoch 2227 : 0.656427
Error for epoch 2228 : 0.514599
Error for epoch 2229 : 1.011697
Error for epoch 2230 : 0.734074
Error for epoch 2231 : 0.944666
Error for epoch 2232 : 0.476568
Error for epoch 2233 : 0.846107
Error for epoch 2234 : 0.940276
Error for epoch 2235 : 0.958573
Error for epoch 2236 : 0.672735
Error for epoch 2237 : 1.070959
Error for epoch 2238 : 0.818760
Error for epoch 2239 : 0.843678
Error for epoch 2240 : 0.490622
Error for epoch 2241 : 0.759019
Error for epoch 2242 : 0.948155
Error for epoch 2243 : 0.999248
Error for epoch 2244 : 0.730741
Error for epoch 2245 : 0.971929
Error for epoch 2246 : 0.663040
Error for epoch 2247 : 0.818824
Error for epoch 2248 : 0.707028
Error for epoch 2249 : 0.795655
Error for epoch 2250 : 0.907514
Error for epoch 2251 : 0.416163
Error for epoch 2252 : 0.819175
Error for epoch 2253 : 1.008029
Error for epoch 2254 : 0.822783
Error for epoch 2255 : 0.981113
Error for epoch 2256 : 0.773976
Error for epoch 2257 : 0.784613
Error for epoch 2258 : 0.442463
Error for epoch 2259 : 0.959894
Error for epoch 2260 : 0.684326
Error for epoch 2261 : 0.611533
Error for epoch 2262 : 0.919409
Error for epoch 2263 : 0.415556
Error for epoch 2264 : 0.994307
Error for epoch 2265 : 0.342499

Error for epoch 2266 : 0.712721
Error for epoch 2267 : 0.876087
Error for epoch 2268 : 0.744354
Error for epoch 2269 : 0.541032
Error for epoch 2270 : 0.988846
Error for epoch 2271 : 0.656387
Error for epoch 2272 : 0.708774
Error for epoch 2273 : 0.340169
Error for epoch 2274 : 0.570120
Error for epoch 2275 : 0.932034
Error for epoch 2276 : 0.966361
Error for epoch 2277 : 0.480980
Error for epoch 2278 : 0.724403
Error for epoch 2279 : 0.996495
Error for epoch 2280 : 0.763663
Error for epoch 2281 : 0.936971
Error for epoch 2282 : 0.833255
Error for epoch 2283 : 0.494035
Error for epoch 2284 : 0.813468
Error for epoch 2285 : 0.921629
Error for epoch 2286 : 0.974260
Error for epoch 2287 : 0.925184
Error for epoch 2288 : 0.495190
Error for epoch 2289 : 0.754700
Error for epoch 2290 : 0.901512
Error for epoch 2291 : 1.226198
Error for epoch 2292 : 0.751140
Error for epoch 2293 : 1.095758
Error for epoch 2294 : 0.890299
Error for epoch 2295 : 0.691917
Error for epoch 2296 : 1.028297
Error for epoch 2297 : 1.090692
Error for epoch 2298 : 0.962920
Error for epoch 2299 : 1.140670
Error for epoch 2300 : 0.484782
Error for epoch 2301 : 0.965970
Error for epoch 2302 : 0.877707
Error for epoch 2303 : 0.955262
Error for epoch 2304 : 0.709872
Error for epoch 2305 : 0.801467
Error for epoch 2306 : 0.993616
Error for epoch 2307 : 1.071054
Error for epoch 2308 : 1.096157
Error for epoch 2309 : 1.136855
Error for epoch 2310 : 0.753024
Error for epoch 2311 : 0.811562
Error for epoch 2312 : 0.828604
Error for epoch 2313 : 1.081136
Error for epoch 2314 : 0.563867
Error for epoch 2315 : 0.943302
Error for epoch 2316 : 0.810517
Error for epoch 2317 : 0.939408
Error for epoch 2318 : 0.922372
Error for epoch 2319 : 0.677684

Error for epoch 2320 : 0.671590
Error for epoch 2321 : 0.443364
Error for epoch 2322 : 0.554587
Error for epoch 2323 : 0.976721
Error for epoch 2324 : 0.839630
Error for epoch 2325 : 0.730993
Error for epoch 2326 : 0.838688
Error for epoch 2327 : 0.837515
Error for epoch 2328 : 0.424236
Error for epoch 2329 : 0.996298
Error for epoch 2330 : 0.984308
Error for epoch 2331 : 0.605091
Error for epoch 2332 : 0.614294
Error for epoch 2333 : 0.645774
Error for epoch 2334 : 0.606950
Error for epoch 2335 : 0.912633
Error for epoch 2336 : 0.540529
Error for epoch 2337 : 0.944512
Error for epoch 2338 : 0.893202
Error for epoch 2339 : 0.664032
Error for epoch 2340 : 0.900590
Error for epoch 2341 : 1.128824
Error for epoch 2342 : 0.834149
Error for epoch 2343 : 1.132335
Error for epoch 2344 : 1.301745
Error for epoch 2345 : 0.761789
Error for epoch 2346 : 0.982136
Error for epoch 2347 : 1.018203
Error for epoch 2348 : 0.876247
Error for epoch 2349 : 0.657580
Error for epoch 2350 : 1.028796
Error for epoch 2351 : 0.402301
Error for epoch 2352 : 0.893210
Error for epoch 2353 : 0.847952
Error for epoch 2354 : 0.528576
Error for epoch 2355 : 1.013187
Error for epoch 2356 : 0.762438
Error for epoch 2357 : 0.932798
Error for epoch 2358 : 0.956115
Error for epoch 2359 : 0.736531
Error for epoch 2360 : 0.935051
Error for epoch 2361 : 0.663079
Error for epoch 2362 : 0.679602
Error for epoch 2363 : 0.717137
Error for epoch 2364 : 0.561111
Error for epoch 2365 : 0.790216
Error for epoch 2366 : 0.885362
Error for epoch 2367 : 1.008548
Error for epoch 2368 : 0.945724
Error for epoch 2369 : 0.687574
Error for epoch 2370 : 0.422482
Error for epoch 2371 : 0.989449
Error for epoch 2372 : 0.932583
Error for epoch 2373 : 0.414889

Error for epoch 2374 : 0.880041
Error for epoch 2375 : 0.946113
Error for epoch 2376 : 1.025732
Error for epoch 2377 : 0.986968
Error for epoch 2378 : 0.689034
Error for epoch 2379 : 0.613330
Error for epoch 2380 : 0.969112
Error for epoch 2381 : 0.960785
Error for epoch 2382 : 1.105214
Error for epoch 2383 : 1.015010
Error for epoch 2384 : 0.989592
Error for epoch 2385 : 0.860666
Error for epoch 2386 : 1.023415
Error for epoch 2387 : 0.632680
Error for epoch 2388 : 0.963214
Error for epoch 2389 : 0.429276
Error for epoch 2390 : 0.841131
Error for epoch 2391 : 1.003639
Error for epoch 2392 : 0.921399
Error for epoch 2393 : 0.700847
Error for epoch 2394 : 0.941431
Error for epoch 2395 : 0.993324
Error for epoch 2396 : 0.474346
Error for epoch 2397 : 0.397129
Error for epoch 2398 : 0.884851
Error for epoch 2399 : 1.050508
Error for epoch 2400 : 0.976586
Error for epoch 2401 : 0.885505
Error for epoch 2402 : 1.095690
Error for epoch 2403 : 0.895591
Error for epoch 2404 : 0.827232
Error for epoch 2405 : 0.925653
Error for epoch 2406 : 0.650622
Error for epoch 2407 : 0.521033
Error for epoch 2408 : 0.646372
Error for epoch 2409 : 0.655737
Error for epoch 2410 : 0.904518
Error for epoch 2411 : 1.049205
Error for epoch 2412 : 0.968239
Error for epoch 2413 : 0.837503
Error for epoch 2414 : 0.920752
Error for epoch 2415 : 0.987260
Error for epoch 2416 : 0.896214
Error for epoch 2417 : 0.940207
Error for epoch 2418 : 0.634452
Error for epoch 2419 : 0.943585
Error for epoch 2420 : 0.884312
Error for epoch 2421 : 0.891809
Error for epoch 2422 : 0.856178
Error for epoch 2423 : 1.017648
Error for epoch 2424 : 0.669708
Error for epoch 2425 : 0.979050
Error for epoch 2426 : 0.508948
Error for epoch 2427 : 0.996297

Error for epoch 2428 : 0.624660
Error for epoch 2429 : 0.891462
Error for epoch 2430 : 0.891750
Error for epoch 2431 : 0.803461
Error for epoch 2432 : 0.818416
Error for epoch 2433 : 0.575306
Error for epoch 2434 : 0.928642
Error for epoch 2435 : 0.798639
Error for epoch 2436 : 0.878834
Error for epoch 2437 : 0.948575
Error for epoch 2438 : 0.724697
Error for epoch 2439 : 1.083219
Error for epoch 2440 : 0.454872
Error for epoch 2441 : 0.729393
Error for epoch 2442 : 0.920257
Error for epoch 2443 : 0.895183
Error for epoch 2444 : 0.740895
Error for epoch 2445 : 0.980222
Error for epoch 2446 : 1.018144
Error for epoch 2447 : 0.714103
Error for epoch 2448 : 0.667356
Error for epoch 2449 : 0.591526
Error for epoch 2450 : 0.974679
Error for epoch 2451 : 0.952923
Error for epoch 2452 : 0.916187
Error for epoch 2453 : 0.569261
Error for epoch 2454 : 0.962962
Error for epoch 2455 : 1.102545
Error for epoch 2456 : 0.889171
Error for epoch 2457 : 0.832550
Error for epoch 2458 : 0.909476
Error for epoch 2459 : 0.741624
Error for epoch 2460 : 0.956494
Error for epoch 2461 : 0.773892
Error for epoch 2462 : 0.473891
Error for epoch 2463 : 1.028788
Error for epoch 2464 : 0.788097
Error for epoch 2465 : 1.104306
Error for epoch 2466 : 0.783165
Error for epoch 2467 : 0.829359
Error for epoch 2468 : 0.478301
Error for epoch 2469 : 0.982282
Error for epoch 2470 : 0.735173
Error for epoch 2471 : 0.632076
Error for epoch 2472 : 0.694869
Error for epoch 2473 : 0.980233
Error for epoch 2474 : 1.037523
Error for epoch 2475 : 0.792460
Error for epoch 2476 : 0.939033
Error for epoch 2477 : 0.880389
Error for epoch 2478 : 0.851131
Error for epoch 2479 : 0.469745
Error for epoch 2480 : 0.875379
Error for epoch 2481 : 0.759216

Error for epoch 2482 : 0.983078
Error for epoch 2483 : 1.006067
Error for epoch 2484 : 0.710299
Error for epoch 2485 : 1.098856
Error for epoch 2486 : 0.882397
Error for epoch 2487 : 0.665224
Error for epoch 2488 : 0.742814
Error for epoch 2489 : 0.942636
Error for epoch 2490 : 0.902077
Error for epoch 2491 : 0.669895
Error for epoch 2492 : 0.946003
Error for epoch 2493 : 0.561816
Error for epoch 2494 : 0.722024
Error for epoch 2495 : 0.936820
Error for epoch 2496 : 0.913793
Error for epoch 2497 : 0.864891
Error for epoch 2498 : 0.950995
Error for epoch 2499 : 0.907105