

| <div>9<sub>61</sub> (0) 4<sup>1</sup> 2 blinks</div> <div><math>r_?</math><sup>46</sup> #ts(full) 765</div> <table><tr><th>r</th><th>mod</th><th>theta/pi</th><th>#sts</th></tr><tr><td>03</td><td>1.0000000000</td><td>-0.2500000000</td><td>4</td></tr><tr><td>04</td><td>0.707106781</td><td>-0.8750000000</td><td>86</td></tr><tr><td>05</td><td>0.896803907</td><td>0.892016670</td><td>312</td></tr><tr><td>06</td><td>1.154700538</td><td>0.0000000000</td><td>1835</td></tr><tr><td>07</td><td>1.782580060</td><td>-0.445158038</td><td>5428</td></tr><tr><td>08</td><td>0.358719468</td><td>-0.991586724</td><td>19164</td></tr><tr><td>09</td><td>1.262772155</td><td>0.660342975</td><td>47364</td></tr><tr><td>10</td><td>1.051757545</td><td>0.507543351</td><td>126669</td></tr><tr><td>11</td><td>1.345342253</td><td>0.677680432</td><td>272624</td></tr><tr><td>12</td><td>1.418437918</td><td>-0.100427573</td><td>611266</td></tr></table> <div>gem: dabcgefjhimklpnosqrutwv<br/>jtsedrwgkpiivnuablcfqfh<br/>h0 v46 rkjtvscbmghqoewlpaudefni</div> |              |               |        | r  | mod | theta/pi | #sts | 03  | 1.0000000000 | -0.2500000000 | 4    | 04  | 0.707106781  | -0.8750000000 | 86 | 05 | 0.896803907  | 0.892016670  | 312 | 06 | 1.154700538 | 0.0000000000 | 1835 | 07 | 1.782580060 | -0.445158038 | 5428 | 08 | 0.358719468 | -0.991586724 | 19164 | 09 | 1.262772155 | 0.660342975  | 47364 | 10 | 1.051757545 | 0.507543351  | 126669 | 11 | 1.345342253 | 0.677680432  | 272624 | 12 | 1.418437918 | -0.100427573 | 611266 | <div>U[944] edges: 9 blocks: 1 orient: +</div> <div>U[1912] edges: 9 blocks: 1 orient: +</div>  |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
|---|--------------|---------------|--------|--|-----|----------|------|---|--------------|---------------|------|---|--------------|---------------|----|----|--------------|--------------|-----|----|-------------|--------------|------|----|-------------|--------------|------|----|-------------|--------------|-------|----|-------------|--------------|-------|----|-------------|--------------|--------|----|-------------|--------------|--------|----|-------------|--------------|--------|---|-------------|-------------|--------|--|-----|----------|------|----|-------------|--------------|---|----|--------------|---------------|----|----|-------------|--------------|-----|----|-------------|--------------|-----|----|-------------|--------------|------|----|-------------|---------------|------|----|-------------|-------------|-------|----|-------------|--------------|-------|----|-------------|-------------|-------|----|-------------|--------------|--------|--|--|--|--|---|-----|----------|------|----|--------------|--------------|---|----|-------------|--------------|----|----|-------------|---------------|-----|----|-------------|--------------|------|----|-------------|--------------|------|----|-------------|--------------|-------|----|-------------|--------------|-------|----|-------------|--------------|--------|----|-------------|-------------|--------|----|-------------|--------------|--------|
| r   | mod          | theta/pi      | #sts   |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 03  | 1.0000000000 | -0.2500000000 | 4      |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 04  | 0.707106781  | -0.8750000000 | 86     |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 05  | 0.896803907  | 0.892016670   | 312    |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 06  | 1.154700538  | 0.0000000000  | 1835   |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 07  | 1.782580060  | -0.445158038  | 5428   |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 08  | 0.358719468  | -0.991586724  | 19164  |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 09  | 1.262772155  | 0.660342975   | 47364  |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 10  | 1.051757545  | 0.507543351   | 126669 |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 11  | 1.345342253  | 0.677680432   | 272624 |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 12  | 1.418437918  | -0.100427573  | 611266 |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| <div>U[946] edges: 9 blocks: 1 orient: +</div> <div>U[1872] edges: 9 blocks: 2 orient: +</div> <div>U[1913] edges: 9 blocks: 1 orient: +</div>  |              |               |        | <div>U[2169] edges: 9 blocks: 1 orient: -</div> <div>U[2927] edges: 9 blocks: 2 orient: +</div> <div>U[2953] edges: 9 blocks: 1 orient: -</div>  |     |          |      | <div>U[3135] edges: 9 blocks: 2 orient: +</div>   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| <div>U[952] edges: 9 blocks: 1 orient: +</div> <div>U[1333] edges: 9 blocks: 1 orient: +</div>  |              |               |        | <div>9<sub>64</sub> (0) 2 blinks</div> <div><math>r_?</math><sup>50</sup> #ts(full) 12</div> <table><tr><th>r</th><th>mod</th><th>theta/pi</th><th>#sts</th></tr><tr><td>03</td><td>0.707106781</td><td>0.0000000000</td><td>2</td></tr><tr><td>04</td><td>0.5000000000</td><td>1.0000000000</td><td>66</td></tr><tr><td>05</td><td>0.721222998</td><td>0.563081267</td><td>134</td></tr><tr><td>06</td><td>0.288675135</td><td>0.0000000000</td><td>869</td></tr><tr><td>07</td><td>0.777403185</td><td>0.980932741</td><td>1790</td></tr><tr><td>08</td><td>0.891050484</td><td>0.5000000000</td><td>6148</td></tr><tr><td>09</td><td>0.281589573</td><td>-0.059477264</td><td>12196</td></tr><tr><td>10</td><td>0.520162612</td><td>0.873837466</td><td>30509</td></tr><tr><td>11</td><td>0.491142495</td><td>-0.726355579</td><td>56702</td></tr><tr><td>12</td><td>0.363317251</td><td>0.879784567</td><td>118150</td></tr></table> <div>gem: dabcgefjhimklpnosqrvtuxwzy<br/>mpuedtxgqkjyalzvowfscbrhni<br/>h0 v52 xsemphuzbrcotgikwyidnqvajf</div> |     |          |      | r   | mod          | theta/pi      | #sts | 03  | 0.707106781  | 0.0000000000  | 2  | 04 | 0.5000000000 | 1.0000000000 | 66  | 05 | 0.721222998 | 0.563081267  | 134  | 06 | 0.288675135 | 0.0000000000 | 869  | 07 | 0.777403185 | 0.980932741  | 1790  | 08 | 0.891050484 | 0.5000000000 | 6148  | 09 | 0.281589573 | -0.059477264 | 12196  | 10 | 0.520162612 | 0.873837466  | 30509  | 11 | 0.491142495 | -0.726355579 | 56702  | 12  | 0.363317251 | 0.879784567 | 118150 | <div>U[954] edges: 9 blocks: 1 orient: +</div> <div>U[1334] edges: 9 blocks: 1 orient: +</div> |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| r   | mod          | theta/pi      | #sts   |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 03  | 0.707106781  | 0.0000000000  | 2      |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 04  | 0.5000000000 | 1.0000000000  | 66     |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 05  | 0.721222998  | 0.563081267   | 134    |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 06  | 0.288675135  | 0.0000000000  | 869    |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 07  | 0.777403185  | 0.980932741   | 1790   |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 08  | 0.891050484  | 0.5000000000  | 6148   |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 09  | 0.281589573  | -0.059477264  | 12196  |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 10  | 0.520162612  | 0.873837466   | 30509  |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 11  | 0.491142495  | -0.726355579  | 56702  |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 12  | 0.363317251  | 0.879784567   | 118150 |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| <div>9<sub>65</sub> (0) 1 blinks</div> <div><math>r_?</math><sup>48</sup> #ts(full) 3</div> <table><tr><th>r</th><th>mod</th><th>theta/pi</th><th>#sts</th></tr><tr><td>03</td><td>0.707106781</td><td>0.0000000000</td><td>4</td></tr><tr><td>04</td><td>0.5000000000</td><td>0.0000000000</td><td>78</td></tr><tr><td>05</td><td>0.305141982</td><td>-0.254068341</td><td>288</td></tr><tr><td>06</td><td>0.288675135</td><td>0.0000000000</td><td>1563</td></tr><tr><td>07</td><td>0.213337107</td><td>-0.649644950</td><td>4692</td></tr><tr><td>08</td><td>0.508367052</td><td>1.0000000000</td><td>15740</td></tr><tr><td>09</td><td>0.268675617</td><td>0.779968922</td><td>39396</td></tr><tr><td>10</td><td>0.093111629</td><td>0.508136683</td><td>101821</td></tr><tr><td>11</td><td>0.381745213</td><td>-0.308643609</td><td>221496</td></tr><tr><td>12</td><td>0.979362207</td><td>-0.209103532</td><td>484842</td></tr></table> <div>gem: dabchefgkijnlmqoptsrsvuxw<br/>kqwedupihlajgonmsxbftcivr<br/>h0 v48 ugfjpkbamwcoxetnqvdlhrs</div>              |              |               |        | r  | mod | theta/pi | #sts | 03  | 0.707106781  | 0.0000000000  | 4    | 04  | 0.5000000000 | 0.0000000000  | 78 | 05 | 0.305141982  | -0.254068341 | 288 | 06 | 0.288675135 | 0.0000000000 | 1563 | 07 | 0.213337107 | -0.649644950 | 4692 | 08 | 0.508367052 | 1.0000000000 | 15740 | 09 | 0.268675617 | 0.779968922  | 39396 | 10 | 0.093111629 | 0.508136683  | 101821 | 11 | 0.381745213 | -0.308643609 | 221496 | 12 | 0.979362207 | -0.209103532 | 484842 | <div>U[970] edges: 9 blocks: 1 orient: +</div>  |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| r   | mod          | theta/pi      | #sts   |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 03  | 0.707106781  | 0.0000000000  | 4      |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 04  | 0.5000000000 | 0.0000000000  | 78     |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 05  | 0.305141982  | -0.254068341  | 288    |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 06  | 0.288675135  | 0.0000000000  | 1563   |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 07  | 0.213337107  | -0.649644950  | 4692   |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 08  | 0.508367052  | 1.0000000000  | 15740  |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 09  | 0.268675617  | 0.779968922   | 39396  |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 10  | 0.093111629  | 0.508136683   | 101821 |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 11  | 0.381745213  | -0.308643609  | 221496 |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 12  | 0.979362207  | -0.209103532  | 484842 |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| <div>U[972] edges: 9 blocks: 1 orient: +</div> <div>U[1058] edges: 9 blocks: 2 orient: +</div> <div>U[1115] edges: 9 blocks: 1 orient: +</div>  |              |               |        | <div>U[1426] edges: 9 blocks: 1 orient: +</div> <div>U[1582] edges: 9 blocks: 1 orient: +</div> <div>U[1584] edges: 9 blocks: 1 orient: -</div>  |     |          |      | <div>U[1795] edges: 9 blocks: 1 orient: +</div> <div>U[1832] edges: 9 blocks: 1 orient: -</div> <div>U[1959] edges: 9 blocks: 1 orient: +</div> |              |               |      | <div>U[2024] edges: 9 blocks: 2 orient: +</div> <div>U[2244] edges: 9 blocks: 1 orient: +</div> <div>U[2386] edges: 9 blocks: 1 orient: -</div> |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| <div>9<sub>62</sub> (0) 4<sup>1</sup> 7 blinks</div> <div><math>r_?</math><sup>44</sup> #ts(full) 2260</div> <table><tr><th>r</th><th>mod</th><th>theta/pi</th><th>#sts</th></tr><tr><td>03</td><td>1.0000000000</td><td>-0.2500000000</td><td>4</td></tr><tr><td>04</td><td>0.707106781</td><td>0.6250000000</td><td>86</td></tr><tr><td>05</td><td>1.192598523</td><td>0.333429989</td><td>312</td></tr><tr><td>06</td><td>0.577350269</td><td>0.333333333</td><td>1835</td></tr><tr><td>07</td><td>0.492496878</td><td>0.648189679</td><td>5428</td></tr><tr><td>08</td><td>1.398966326</td><td>0.893826703</td><td>19164</td></tr><tr><td>09</td><td>2.496884736</td><td>0.571918172</td><td>47364</td></tr><tr><td>10</td><td>1.056273368</td><td>-0.174128585</td><td>126669</td></tr><tr><td>11</td><td>2.585093523</td><td>-0.987574706</td><td>272624</td></tr><tr><td>12</td><td>1.763531213</td><td>0.605916951</td><td>611266</td></tr></table> <div>gem: dabcgefjhimklpnorqtsvu<br/>jinvdlsgrapfumgtobhkce<br/>h0 v44 lohkrpvcsejggqitumdnbfa</div>      |              |               |        | r  | mod | theta/pi | #sts | 03  | 1.0000000000 | -0.2500000000 | 4    | 04  | 0.707106781  | 0.6250000000  | 86 | 05 | 1.192598523  | 0.333429989  | 312 | 06 | 0.577350269 | 0.333333333  | 1835 | 07 | 0.492496878 | 0.648189679  | 5428 | 08 | 1.398966326 | 0.893826703  | 19164 | 09 | 2.496884736 | 0.571918172  | 47364 | 10 | 1.056273368 | -0.174128585 | 126669 | 11 | 2.585093523 | -0.987574706 | 272624 | 12 | 1.763531213 | 0.605916951  | 611266 | <div>9<sub>63</sub> (0) 5<sup>1</sup> 2 blinks</div> <div><math>r_?</math><sup>56</sup> #ts(full) 1948</div> <table><tr><th>r</th><th>mod</th><th>theta/pi</th><th>#sts</th></tr><tr><td>03</td><td>0.707106781</td><td>0.0000000000</td><td>2</td></tr><tr><td>04</td><td>0.5000000000</td><td>-0.5000000000</td><td>66</td></tr><tr><td>05</td><td>0.513743148</td><td>1.0000000000</td><td>134</td></tr><tr><td>06</td><td>0.288675135</td><td>1.0000000000</td><td>869</td></tr><tr><td>07</td><td>0.393735277</td><td>-0.888787692</td><td>1790</td></tr><tr><td>08</td><td>0.237769002</td><td>-0.7500000000</td><td>6148</td></tr><tr><td>09</td><td>0.183399866</td><td>0.620497705</td><td>12196</td></tr><tr><td>10</td><td>0.263932023</td><td>0.0000000000</td><td>30509</td></tr><tr><td>11</td><td>0.302138842</td><td>0.038712995</td><td>56702</td></tr><tr><td>12</td><td>0.451437919</td><td>-0.014619047</td><td>118150</td></tr></table> <div>gem: dabchefgkijnlmqoptsrswuvyxAzCB<br/>kzqedvuihAabgCnBtpmysfxwcljro<br/>h0 v58 iBgryrzcbtlwkqejvmnhCdAofuxpsa</div> |             |             |        | r  | mod | theta/pi | #sts | 03 | 0.707106781 | 0.0000000000 | 2 | 04 | 0.5000000000 | -0.5000000000 | 66 | 05 | 0.513743148 | 1.0000000000 | 134 | 06 | 0.288675135 | 1.0000000000 | 869 | 07 | 0.393735277 | -0.888787692 | 1790 | 08 | 0.237769002 | -0.7500000000 | 6148 | 09 | 0.183399866 | 0.620497705 | 12196 | 10 | 0.263932023 | 0.0000000000 | 30509 | 11 | 0.302138842 | 0.038712995 | 56702 | 12 | 0.451437919 | -0.014619047 | 118150 | <div>9<sub>66</sub> (0) 4<sup>1</sup> 12 blinks</div> <div><math>r_?</math><sup>36</sup> #ts(full) 17</div> <table><tr><th>r</th><th>mod</th><th>theta/pi</th><th>#sts</th></tr><tr><td>03</td><td>1.0000000000</td><td>0.2500000000</td><td>4</td></tr><tr><td>04</td><td>0.707106781</td><td>0.3750000000</td><td>78</td></tr><tr><td>05</td><td>0.525731112</td><td>-0.4500000000</td><td>288</td></tr><tr><td>06</td><td>0.577350269</td><td>-0.333333333</td><td>1563</td></tr><tr><td>07</td><td>1.269769848</td><td>-0.471351985</td><td>4692</td></tr><tr><td>08</td><td>1.778823646</td><td>-0.471805834</td><td>15740</td></tr><tr><td>09</td><td>1.755514542</td><td>-0.254318675</td><td>39396</td></tr><tr><td>10</td><td>0.170820393</td><td>0.2000000000</td><td>101821</td></tr><tr><td>11</td><td>1.331308712</td><td>0.873858951</td><td>221496</td></tr><tr><td>12</td><td>1.949523342</td><td>-0.933047903</td><td>484842</td></tr></table> <div>gem: dabcgefjhimklpnorq<br/>jrnedclgkaphfmqioib<br/>h0 v36 okiqnrmfcbjageldph</div> |  |  |  | r | mod | theta/pi | #sts | 03 | 1.0000000000 | 0.2500000000 | 4 | 04 | 0.707106781 | 0.3750000000 | 78 | 05 | 0.525731112 | -0.4500000000 | 288 | 06 | 0.577350269 | -0.333333333 | 1563 | 07 | 1.269769848 | -0.471351985 | 4692 | 08 | 1.778823646 | -0.471805834 | 15740 | 09 | 1.755514542 | -0.254318675 | 39396 | 10 | 0.170820393 | 0.2000000000 | 101821 | 11 | 1.331308712 | 0.873858951 | 221496 | 12 | 1.949523342 | -0.933047903 | 484842 |
| r   | mod          | theta/pi      | #sts   |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 03  | 1.0000000000 | -0.2500000000 | 4      |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 04  | 0.707106781  | 0.6250000000  | 86     |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 05  | 1.192598523  | 0.333429989   | 312    |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 06  | 0.577350269  | 0.333333333   | 1835   |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 07  | 0.492496878  | 0.648189679   | 5428   |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 08  | 1.398966326  | 0.893826703   | 19164  |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 09  | 2.496884736  | 0.571918172   | 47364  |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 10  | 1.056273368  | -0.174128585  | 126669 |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 11  | 2.585093523  | -0.987574706  | 272624 |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 12  | 1.763531213  | 0.605916951   | 611266 |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| r   | mod          | theta/pi      | #sts   |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 03  | 0.707106781  | 0.0000000000  | 2      |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 04  | 0.5000000000 | -0.5000000000 | 66     |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 05  | 0.513743148  | 1.0000000000  | 134    |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 06  | 0.288675135  | 1.0000000000  | 869    |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 07  | 0.393735277  | -0.888787692  | 1790   |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 08  | 0.237769002  | -0.7500000000 | 6148   |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 09  | 0.183399866  | 0.620497705   | 12196  |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 10  | 0.263932023  | 0.0000000000  | 30509  |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 11  | 0.302138842  | 0.038712995   | 56702  |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 12  | 0.451437919  | -0.014619047  | 118150 |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| r   | mod          | theta/pi      | #sts   |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 03  | 1.0000000000 | 0.2500000000  | 4      |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 04  | 0.707106781  | 0.3750000000  | 78     |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 05  | 0.525731112  | -0.4500000000 | 288    |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 06  | 0.577350269  | -0.333333333  | 1563   |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 07  | 1.269769848  | -0.471351985  | 4692   |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 08  | 1.778823646  | -0.471805834  | 15740  |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 09  | 1.755514542  | -0.254318675  | 39396  |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 10  | 0.170820393  | 0.2000000000  | 101821 |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 11  | 1.331308712  | 0.873858951   | 221496 |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |
| 12  | 1.949523342  | -0.933047903  | 484842 |  |     |          |      |   |              |               |      |   |              |               |    |    |              |              |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |              |        |    |             |              |        |   |             |             |        |  |     |          |      |    |             |              |   |    |              |               |    |    |             |              |     |    |             |              |     |    |             |              |      |    |             |               |      |    |             |             |       |    |             |              |       |    |             |             |       |    |             |              |        |  |  |  |  |   |     |          |      |    |              |              |   |    |             |              |    |    |             |               |     |    |             |              |      |    |             |              |      |    |             |              |       |    |             |              |       |    |             |              |        |    |             |             |        |    |             |              |        |