Appendix E. Inward regulation.

|  |  |  |
| --- | --- | --- |
| Module | Number of inward regulated modules | Inward regulated modules |
| 1 | 16 | 9,17,22,30,32,39,41,49,  55,57,58,66,67,69,75,77 |
| 2 | 26 | 9,14,17,20,22,30,32,33,  39,41,43,49,50,55,57,58,  61,66,67,69,70,75,  77,84,85,92 |
| 3 | 49 | 4,5,8,9,10,11,13,15,16,  17,20,22,23,25,28,30,32,  34,36,38,39,40,41,44,45,  49,52,55,57,58,60,61,63,  66,67,69,70,73,75,77,84,  85,86,88,89,90,92,93,95 |
| 4 | 23 | 1,9,17,22,30,32,33,39,41,  42,49,55,57,58,61,66,67,  69,70,75,77,84,92 |
| 5 | 64 | 1,3,8,9,12,14,15,16,17,18,  20,21,22,25,26,27,28,30,  31,32,33,34,35,38,39,40,  41,42,44,45,49,50,51,52,  55,56,57,58,59,60,61,63,  64,65,67,68,69,70,72,73,  75,77,78,80,82,83,84,85,  87,88,90,91,92,95 |
| 6 | 25 | 9,15,17,20,22,30,32,39,  41,43,49,55,57,58,61,66,  67,69,70,75,77,84,85,89,92 |
| 7 | 25 | 2,9,12,13,17,21,22,23,27,  32,36,39,42,49,50,57,59,  64,66,73,77,82,88,90,93 |
| 8 | 63 | 3,4,8,9,10,12,14,15,16,17,  18,20,21,22,25,26,27,28,  30,31,32,33,34,35,38,39,  40,41,43,45,49,50,51,52,  53,55,56,57,58,59,60,61,  63,64,65,67,68,69,70,75,  77,78,80,83,84,85,87,88,  89,90,91,92,95 |
| 9 | 11 | 22,39,42,44,49,57,61,  66,67,75,76 |
| 10 | 25 | 9,17,20,22,30,32,33,34,  39,41,43,49,55,57,58,61,  66,67,69,70,75,77,84,85,  92 |
| 11 | 63 | 3,4,8,9,10,12,13,14,15,  16,17,18,20,21,22,25,26,  27,28,30,31,32,33,34,35,  38,39,40,41,45,49,50,52,  55,56,57,58,60,61,63,64,  65,66,67,68,69,70,72,73,  75,77,78,80,83,84,85,87,  88,89,90,91,92,95 |
| 12 | 58 | 6,8,9,10,12,14,15,16,17,  20,21,22,26,27,28,30,32,  33,34,38,39,40,41,43,45,  49,50,51,52,53,55,56,57,  58,59,60,61,62,64,66,67,  68,69,70,75,77,78,82,83,  84,85,87,88,89,90,91,92,  95 |
| 13 | 18 | 9,17,22,30,32,39,41,49,50,  55,57,58,66,67,69,75,77,92 |
| 14 | 60 | 8,9,10,12,14,15,16,17,18,20,  21,22,25,26,27,28,30,31,32,  33,34,35,38,39,40,41,42,45,  49,50,52,55,56,57,58,60,61,  63,64,65,66,67,68,69,70,73,  75,77,78,80,83,84,85,86,  87,88,89,90,92,95 |
| 15 | 28 | 1,9,15,17,20,22,25,28,30,32,  33,34,39,41,49,55,57,58,61,  67,68,70,75,77,84,85,89,92 |
| 16 | 24 | 9,13,14,19,21,22,23,27,31,  39,42,47,49,50,57,58,59,  62,63,64,70,78,81,88 |
| 17 | 21 | 9,17,22,30,32,33,39,41,43,  49,55,57,58,61,66,67,69,  75,77,84,92 |
| 18 | 13 | 9,17,22,30,32,39,49,55,57,  58,66,67,69 |
| 19 | 78 | 2,3,4,5,7,8,9,10,12,13,14,15,  16,17,19,20,21,22,23,25,26,  27,28,30,31,32,33,34,35,38,  39,40,41,42,43,44,45,46,49,  50,52,54,55,56,57,58,60,61,  62,63,64,65,66,67,68,69,70,  71,72,73,75,76,77,78,80,82,  83,84,85,86,87,88,89,90,91,  92,93,95 |
| 20 | 46 | 2,4,8,9,12,13,15,17,21,22,25,  28,30,32,34,35,36,38,39,40,  41,43,44,49,50,51,52,55,57,  58,60,61,63,67,68,69,70,75,  77,84,85,90,92,93,94,95 |
| 21 | 12 | 9,22,30,32,39,41,49,55,57,  66,67,75 |
| 22 | 19 | 17,22,30,32,39,41,49,50,55,  57,58,61,66,67,70,75,77,88,  92 |
| 23 | 35 | 2,9,14,15,17,20,22,28,30,32,  33,34,38,39,41,42,49,55,56,  57,58,61,66,67,69,70,73,75,  77,83,84,85,88,92,95 |
| 24 | 61 | 8,9,10,12,13,14,15,16,17,18,  20,21,22,25,26,27,28,30,31,  32,33,34,35,38,39,40,41,45,  49,50,52,55,56,57,58,60,61,  63,64,66,67,68,69,70,72,73,  75,77,78,80,83,84,85,86,87,  88,89,90,92,93,95 |
| 25 | 19 | 1,2,9,17,30,32,39,41,49,55,  57,58,66,67,70,75,77,88,92 |
| 26 | 14 | 17,22,30,32,39,49,55,57,61,  66,67,70,77,92 |
| 27 | 16 | 9,17,22,30,32,39,41,49,55,  57,58,66,67,69,75,77 |
| 28 | 16 | 9,17,22,30,32,39,41,49,55,  57,58,66,67,69,75,77 |
| 29 | 41 | 2,9,14,15,17,20,21,22,28,30,  32,33,34,38,39,41,42,43,45,  49,50,55,56,57,58,61,64,67,  68,69,70,73,75,77,82,83,84,  85,88,92,95 |
| 30 | 17 | 9,17,22,30,32,39,41,49,55,  57,58,66,67,69,75,77,92 |
| 31 | 28 | 8,9,15,17,20,22,30,32,33,34,  39,41,49,55,57,58,61,66,67,  69,70,73,75,77,84,85,92,93 |
| 32 | 23 | 9,12,13,21,22,23,33,39,41,42,  44,47,49,50,57,64,66,73,77,  81,82,88,90 |
| 33 | 58 | 8,9,10,12,15,16,17,20,21,22,25,  26,27,28,30,31,32,33,34,35,38,  39,40,41,43,45,49,50,52,55,56,  57,58,59,60,61,63,64,65,67,68,  69,70,72,73,75,77,78,83,84,85,  87,88,89,90,91,92,95 |
| 34 | 59 | 8,9,10,12,14,15,16,17,18,20,21,  22,25,26,27,28,30,31,32,33,34,  35,38,39,40,41,45,49,50,52,53,  55,56,57,58,60,61,62,63,64,66,  67,68,69,70,73,75,77,78,80,83,  84,85,87,88,89,90,92,95 |
| 35 | 51 | 4,5,8,9,10,11,12,13,15,16,17,20,  22,23,25,28,30,32,34,36,38,39,  40,41,44,45,49,52,53,55,57,58,  60,61,63,66,67,68,69,70,73,75,  77,84,85,86,88,89,90,93,94 |
| 36 | 21 | 1,2,9,17,30,32,39,41,42,49,55,  57,58,61,66,67,69,70,75,77,92 |
| 37 | 14 | 9,17,22,30,32,39,49,55,57,58,  66,67,69,77 |
| 38 | 15 | 9,17,22,30,32,39,49,55,57,58,  61,67,69,77,92 |
| 39 | 22 | 9,13,21,22,23,27,32,39,42,49,  50,53,55,62,64,66,77,78,81,  82,88,93 |
| 40 | 48 | 8,9,12,14,15,16,17,20,22,25,26,  28,30,31,32,33,34,38,39,40,41,  43,45,49,50,55,56,57,58,60,61,  63,65,66,67,69,70,73,75,77,80,  83,84,85,88,90,92,95 |
| 41 | 15 | 9,17,22,30,32,39,49,50,55,57,  58,66,67,69,77 |
| 42 | 40 | 2,6,9,13,14,16,17,18,21,22,23,  27,28,33,35,39,41,42,44,47,49,  50,53,55,57,58,63,64,66,72,73,  77,78,81,82,83,87,88,90,93 |
| 43 | 17 | 21,22,27,33,39,41,47,53,57,58,  61,64,66,70,75,87,90 |
| 44 | 36 | 8,9,12,14,15,17,20,22,25,30,32,  34,38,39,41,45,49,51,55,57,58,  59,60,61,66,67,69,70,75,77,84,  85,88,90,92,95 |
| 45 | 17 | 9,11,19,20,22,27,30,32,39,45,57,  58,59,64,70,76,88 |
| 46 | 54 | 4,8,9,11,12,13,15,16,17,20,22,23,  25,28,30,32,33,34,35,38,39,40,41,  45,49,52,53,55,56,57,58,60,61,62,  63,64,66,67,68,69,70,75,77,80,83,  84,85,86,87,88,89,90,92,95 |
| 47 | 48 | 4,5,8,9,10,11,13,15,16,17,20,22,23,  25,28,30,32,34,36,38,39,40,41,45,  49,52,55,57,58,60,61,63,66,67,69,  70,73,75,77,84,85,86,88,89,90,92,  93,95 |
| 48 | 25 | 15,17,20,22,27,32,38,39,41,49,50,  55,57,58,61,64,66,67,69,75,77,84,  85,88,92 |
| 49 | 84 | 1,3,4,5,6,7,8,9,10,11,12,13,14,15,16,  17,19,20,21,22,23,25,26,27,28,30,31,  32,33,34,35,36,38,39,40,41,42,43,44,  45,46,47,49,50,51,52,54,55,56,57,58,  60,61,62,63,64,66,67,68,69,70,71,72,  73,75,76,77,78,80,81,82,83,84,85,86,  87,88,89,90,91,92,93,94,95 |
| 50 | 61 | 4,8,9,10,12,13,15,17,18,19,20,22,25,  27,28,30,32,33,34,35,38,39,40,41,42,  44,46,49,52,53,55,56,57,58,60,61,64,  65,66,67,68,69,70,72,73,75,76,77,78,  80,82,83,84,85,86,87,88,89,92,93,95 |
| 51 | 19 | 9,17,22,30,32,39,41,49,50,55,57,58,  61,66,67,69,75,77,92 |
| 52 | 15 | 9,17,22,30,32,39,49,55,57,58,61,67,  70,77,92 |
| 53 | 48 | 4,5,8,9,10,11,13,15,16,17,20,22,23,  25,28,30,32,34,36,38,39,40,41,45,49,  52,55,57,58,60,61,63,66,67,69,70,73,  75,77,84,85,86,88,89,90,92,93,95 |
| 54 | 57 | 1,3,5,6,8,9,11,13,14,16,18,20,21,22,  23,26,27,28,30,31,33,34,35,36,38,39,  41,42,44,47,49,50,51,53,55,56,57,58,  59,60,61,64,65,66,67,70,72,73,74,75,  77,78,81,82,83,88,93 |
| 55 | 29 | 9,13,18,21,22,23,27,33,39,44,47,49,  50,53,55,57,58,64,66,73,75,77,78,  81,82,88,90,91,93 |
| 56 | 16 | 9,17,22,30,32,39,49,55,57,58,61,66,  67,70,77,92 |
| 57 | 62 | 4,8,9,10,12,13,14,15,16,17,18,20,21,  22,25,26,27,28,30,31,32,33,34,35,38,  39,40,41,44,45,49,50,52,55,56,57,58,  59,60,61,63,64,66,67,68,69,70,72,73,  75,77,78,83,84,85,87,88,89,90,91,92,  95 |
| 58 | 38 | 13,14,17,20,21,23,27,30,32,33,35,38,  39,41,42,44,47,49,50,53,55,56,57,58,  61,64,66,73,77,78,82,83,87,88,90,91,  92,93 |
| 59 | 83 | 1,3,4,5,7,8,9,10,11,12,13,14,15,16,17,  19,20,21,22,23,24,25,26,27,28,30,31,  32,33,34,35,38,39,40,41,42,43,45,46,  47,48,49,50,52,53,54,55,56,57,58,60,  61,62,63,64,65,66,67,68,69,70,71,72,  73,75,76,77,78,80,81,82,83,84,85,86,  87,88,89,90,91,92,94,95 |
| 60 | 24 | 17,20,22,27,30,32,33,39,41,49,50,55,  57,58,61,64,66,67,69,75,77,84,85,92 |
| 61 | 17 | 9,22,30,32,39,41,49,55,57,58,61,66,  67,69,75,77,92 |
| 62 | 16 | 9,17,22,30,32,39,41,49,55,57,58,66,  67,69,75,85 |
| 63 | 22 | 1,2,9,17,30,32,39,41,42,49,55,57,58,  61,66,67,70,75,77,84,88,92 |
| 64 | 74 | 1,3,4,7,8,9,10,12,13,14,15,16,17,18,  20,21,22,25,26,27,28,30,31,32,33,34,  35,38,39,40,41,43,45,46,49,50,51,52,  53,54,55,56,57,58,59,60,61,62,63,64,  65,66,67,68,69,70,72,73,75,77,78,80,  83,84,85,86,87,88,89,90,91,92,94,95 |
| 65 | 60 | 8,9,10,12,13,14,15,16,17,18,20,21,22,  25,26,27,28,30,31,32,33,34,35,38,39,  40,41,45,49,50,52,55,56,57,58,60,61,  63,65,66,67,68,69,70,72,73,75,77,78,  80,83,84,85,86,87,88,89,90,92,95 |
| 66 | 29 | 9,13,17,21,22,23,27,32,39,41,42,44,  47,49,50,53,55,57,58,64,66,73,77,  78,81,82,87,88,93 |
| 67 | 16 | 9,10,14,21,22,27,32,39,49,57,60,  66,75,76,78,91 |
| 68 | 65 | 1,2,8,9,10,12,13,14,15,16,17,20,22,23,  25,26,27,28,30,31,32,33,34,35,36,37,  38,39,40,41,42,43,45,49,50,52,55,56,  57,58,60,61,63,64,65,66,67,68,69,70,  73,75,77,78,80,83,84,85,86,87,88,89,  90,92,95 |
| 69 | 20 | 9,17,22,30,32,39,41,49,50,55,57,58,  61,66,67,69,70,75,77,92 |
| 70 | 69 | 1,3,5,6,8,9,10,12,13,14,15,16,17,18,20,  21,22,25,26,27,28,30,32,33,35,38,39,40,  41,43,44,45,49,50,51,52,53,55,56,57,58,  59,60,61,62,64,66,67,68,69,70,73,77,78,  81,82,83,84,85,86,87,88,89,90,91,  92,93,94,95 |
| 71 | 64 | 9,10,12,14,15,16,17,18,20,21,22,23,26,  27,28,30,32,33,34,35,38,39,40,41,42,44,  45,46,47,49,50,52,53,55,56,57,58,60,61,  64,66,67,68,69,70,73,75,77,78,80,82,83,  84,85,86,87,88,89,90,91,92,93,94,95 |
| 72 | 23 | 14,17,20,22,27,30,32,33,39,41,49,50,55,  57,58,61,66,67,69,75,77,84,92 |
| 73 | 29 | 9,13,16,18,21,22,23,27,28,35,36,39,44,  47,49,50,53,57,58,59,60,63,64,70,73,  77,81,90,93 |
| 74 | 23 | 1,9,13,14,21,22,23,27,39,44,47,49,53,  57,58,59,63,64,68,75,78,88,93 |
| 75 | 61 | 8,9,10,12,14,15,16,17,18,20,21,22,25,  26,27,28,30,31,32,33,34,35,38,39,40,  41,43,45,49,50,52,53,55,56,57,58,60,  61,63,64,66,67,68,69,70,72,73,75,77,  78,80,83,84,85,87,88,89,90,91,92,95 |
| 76 | 24 | 9,13,16,21,22,23,27,39,44,47,49,53,57,  58,62,63,64,66,73,78,81,87,88,93 |
| 77 | 43 | 8,9,14,15,17,20,22,25,26,28,30,32,33,  34,38,39,40,41,45,49,50,55,56,57,58,  60,61,63,65,67,68,69,70,73,75,77,83,  84,85,88,89,92,95 |
| 78 | 36 | 5,8,9,13,15,17,20,22,25,28,30,32,33,  34,38,39,41,49,55,57,58,60,61,63,66,  67,69,70,75,77,84,85,88,92,93,95 |
| 79 | 18 | 9,17,22,30,32,39,41,49,55,57,58,61,  66,67,69,75,77,92 |
| 80 | 15 | 9,17,22,30,32,39,49,55,57,58,61,67,  70,77,92 |
| 81 | 65 | 1,2,3,8,9,10,12,13,14,15,17,20,21,  22,25,27,28,30,31,32,33,34,35,38,39,  40,41,42,43,45,49,50,52,55,56,57,58,  59,60,61,63,65,66,67,68,69,70,72,73,  75,76,77,78,80,83,84,85,86,87,88,89,  90,92,93,95 |
| 82 | 20 | 9,17,22,30,32,39,41,49,50,55,57,58,  61,66,67,69,70,75,77,92 |
| 83 | 23 | 9,17,20,22,30,32,33,39,41,43,49,50,  55,57,58,61,66,67,69,75,77,84,92 |
| 84 | 45 | 10,14,15,17,18,20,22,25,27,30,31,32,  33,34,38,39,41,42,44,49,52,53,55,56,  57,58,60,61,64,66,67,69,70,73,75,77,  78,83,84,85,87,88,91,92,95 |
| 85 | 17 | 2,9,14,17,30,32,39,49,55,57,58,66,67,  70,75,77,92 |
| 86 | 25 | 9,14,17,22,30,32,33,34,39,41,43,49,55,  57,58,61,66,67,69,70,75,77,84,85,92 |
| 87 | 16 | 9,22,30,32,39,41,49,55,57,58,66,67,69,  75,77,92 |
| 88 | 58 | 8,9,10,12,13,14,15,16,17,18,20,21,22,25,  26,27,28,30,31,32,33,34,35,38,39,40,41,  45,49,50,52,55,56,57,58,60,61,63,65,67,  68,69,70,72,73,75,77,78,80,83,84,85,87,  88,89,90,92,95 |
| 89 | 57 | 8,9,10,12,13,14,15,17,20,22,25,27,28,30,  31,32,33,34,35,38,39,40,41,45,49,50,52,  55,56,57,58,60,61,63,65,66,67,68,69,70,  72,73,75,77,78,80,83,84,85,86,87,88,89,  90,92,93,95 |
| 90 | 12 | 9,17,22,30,32,39,49,55,57,66,67,70 |
| 91 | 56 | 2,8,9,10,14,15,16,17,20,21,22,23,27,28,  30,31,32,33,34,35,38,39,40,41,42,45,49,  50,52,55,56,57,58,60,61,63,64,66,67,68,  69,70,73,75,77,80,83,84,85,86,87,88,89,  90,92,95 |
| 92 | 64 | 1,2,3,8,9,10,12,14,15,16,17,20,21,22,25,  26,27,28,30,31,32,33,34,35,38,39,40,41,  42,45,49,50,52,55,56,57,58,59,60,61,62,  63,64,65,66,67,68,69,70,73,75,77,78,80,  83,84,85,86,87,88,89,90,92,95 |
| 93 | 37 | 6,9,13,14,20,21,22,23,27,30,31,32,33,36,  39,41,44,47,49,50,53,55,56,58,63,64,66,  68,69,73,77,78,81,83,88,91,93 |
| 94 | 56 | 2,8,9,12,14,15,16,17,20,21,22,25,26,28,  30,31,32,33,34,38,39,40,41,42,43,49,50,  52,55,56,57,58,60,61,63,65,66,67,68,69,  70,73,75,77,78,80,83,84,85,86,87,88,89,  90,92,95 |
| 95 | 14 | 9,17,22,30,32,39,49,55,57,58,66,67,70,  77 |