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| 1   |  | 2 |  | 3 |  | 4 |  | 5 |  | 6 |  | 7 |  | 8 |  | 9 |  | 10 |  | 11 |  | 12 |  | 13 |  | 14 |  | 15 |  | 16 |  | 17 |  | 18 |  | 19 |  | 20 |  | 21 |  | 22 |  | 23 |  | 24 |  | 25 |  | 26 |  | 27 |  | 28 |  | 29 |  | 30 |  |
|-----|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|
| . . |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |
|     |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |
|     |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |
|     |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |
| 1   |  | 2 |  | 3 |  | 4 |  | 5 |  | 6 |  | 7 |  | 8 |  | 9 |  | 10 |  | 11 |  | 12 |  | 13 |  | 14 |  | 15 |  | 16 |  | 17 |  | 18 |  | 19 |  | 20 |  | 21 |  | 22 |  | 23 |  | 24 |  | 25 |  | 26 |  | 27 |  | 28 |  | 29 |  | 30 |  |

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|    |       |      |    |     |     |     |    |     |    |   |   |     |   |   |     |   |   |  |  |   |   |    |  |    |    |    |   |     |  |
|----|-------|------|----|-----|-----|-----|----|-----|----|---|---|-----|---|---|-----|---|---|--|--|---|---|----|--|----|----|----|---|-----|--|
| 1  |       | 1.1  | 10 | 360 | 148 |     |    | 144 | 36 | 2 | 2 | 212 | 2 | 5 | 180 |   | 2 |  |  |   |   | 18 |  |    |    | 72 | 2 | 106 |  |
|    |       |      |    |     |     |     |    |     |    |   |   |     | 3 | 5 | 180 | 3 |   |  |  |   |   | 18 |  |    |    | 72 | 2 | 88  |  |
| 2  | ( , ) | 1.2  | 3  | 108 | 60  | 36  |    | 18  | 18 | 2 | 4 | 48  | 1 | 3 | 108 | 1 |   |  |  |   | 1 | 18 |  | 36 |    | 18 | 2 | 25  |  |
| 3  |       | 1.3  | 3  | 108 | 58  | 36  |    | 18  | 18 | 2 | 2 | 50  | 3 | 3 | 108 |   | 3 |  |  |   | 3 | 18 |  | 36 |    | 18 | 2 | 52  |  |
| 4  |       | 1.4  | 3  | 108 | 40  | 18  |    | 18  | 9  | 2 | 2 | 68  | 3 | 3 | 108 |   | 3 |  |  |   | 3 | 18 |  | 18 |    | 18 | 2 | 70  |  |
| 5  |       | 1.5  | 3  | 108 | 45  | 18  |    | 18  | 18 | 2 | 7 | 63  | 7 | 3 | 108 |   | 7 |  |  | 7 |   | 18 |  | 18 |    | 18 | 7 | 65  |  |
| 6  |       | 1.6  | 6  | 216 | 112 | 36  | 72 |     | 36 | 2 | 2 | 104 | 1 | 3 | 108 |   | 1 |  |  | 1 |   | 18 |  | 18 | 36 |    | 2 | 52  |  |
|    |       |      |    |     |     |     |    |     |    |   |   |     | 2 | 3 | 108 |   | 2 |  |  | 2 |   | 18 |  | 18 | 36 |    | 2 | 52  |  |
| 7  |       | 1.7  | 13 | 468 | 296 | 144 |    | 144 | 36 | 2 | 6 | 172 | 1 | 7 | 252 | 1 |   |  |  | 1 |   | 18 |  | 72 |    | 72 | 4 | 68  |  |
|    |       |      |    |     |     |     |    |     |    |   |   |     | 2 | 6 | 216 | 2 |   |  |  | 2 |   | 18 |  | 72 |    | 72 | 4 | 32  |  |
| 8  |       | 1.8  | 4  | 144 | 80  | 36  |    | 36  | 9  | 2 | 6 | 64  | 1 | 4 | 144 | 1 |   |  |  | 1 |   | 18 |  | 36 |    | 36 | 4 | 32  |  |
| 9  |       | 1.9  | 12 | 432 | 222 | 72  | 72 | 72  | 72 | 2 | 4 | 210 | 2 | 6 | 216 | 2 |   |  |  | 2 |   | 18 |  | 36 | 36 | 36 | 2 | 70  |  |
|    |       |      |    |     |     |     |    |     |    |   |   |     | 3 | 6 | 216 | 3 |   |  |  | 3 |   | 18 |  | 36 | 36 | 36 | 2 | 70  |  |
| 10 |       | 1.10 | 8  | 288 | 108 |     |    | 104 | 96 | 2 | 2 | 180 | 1 | 2 | 72  |   | 1 |  |  |   |   | 18 |  |    |    | 26 | 2 | 44  |  |
|    |       |      |    |     |     |     |    |     |    |   |   |     | 2 | 2 | 72  |   | 2 |  |  |   |   | 18 |  |    |    | 26 | 2 | 44  |  |

| 1  | 2 | 3    | 4 | 5   | 6   | 7  | 8  | 9  | 10  | 11 | 12 | 13  | 14 | 15 | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|----|---|------|---|-----|-----|----|----|----|-----|----|----|-----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|    |   |      |   |     |     |    |    |    |     |    |    |     | 3  | 2  | 72  |    | 3  |    |    |    |    | 18 |    |    |    | 26 | 2  | 44 |    |
|    |   |      |   |     |     |    |    |    |     |    |    |     | 4  | 2  | 72  |    | 4  |    |    |    |    | 18 |    |    |    | 26 | 2  | 44 |    |
| 11 |   | 1.11 | 3 | 108 | 27  |    |    | 18 | 8   | 2  | 7  | 81  | 1  | 3  | 108 |    | 1  |    |    | 1  |    | 18 |    |    |    | 18 | 7  | 83 |    |
| 12 |   | 1.12 | 3 | 108 | 59  | 18 | 16 | 18 |     | 2  | 5  | 49  | 1  | 3  | 108 |    | 1  |    |    |    |    | 18 |    | 18 | 16 | 18 | 5  | 51 |    |
| 13 |   | 1.13 | 3 | 108 | 79  | 36 |    | 36 |     | 2  | 5  | 29  | 4  | 3  | 108 |    | 4  |    |    | 4  |    | 18 |    | 36 |    | 36 | 5  | 31 |    |
| 14 |   | 1.14 | 6 | 216 | 117 | 72 | 16 | 18 |     | 2  | 9  | 99  | 4  | 6  | 216 | 4  |    |    |    | 4  |    | 18 |    | 72 | 16 | 18 | 7  | 67 |    |
| 15 |   | 1.15 | 7 | 252 | 130 | 52 |    | 72 |     | 2  | 4  | 122 | 2  | 3  | 108 | 2  |    |    |    | 2  |    | 18 |    | 26 |    | 36 | 2  | 8  |    |
|    |   |      |   |     |     |    |    |    |     |    |    |     | 3  | 4  | 144 | 3  |    |    |    | 3  |    | 18 |    | 26 |    | 36 | 5  | 23 |    |
| 16 |   | 1.16 | 3 | 108 | 49  | 26 | 16 |    |     | 2  | 5  | 59  | 4  | 3  | 108 |    | 4  |    |    |    |    | 18 |    | 26 | 16 |    | 5  | 61 |    |
| 17 |   | 1.17 | 3 | 108 | 43  | 18 |    | 18 |     | 2  | 5  | 65  | 6  | 3  | 108 |    | 6  |    |    | 6  |    | 18 |    | 18 |    | 18 | 5  | 67 |    |
| 18 |   | 1.18 | 3 | 108 | 32  | 18 | 8  |    |     | 2  | 4  | 76  | 4  | 3  | 108 |    | 4  |    |    | 4  |    | 18 |    | 18 | 8  |    | 4  | 78 |    |
| 19 |   | 1.19 | 4 | 144 | 24  |    | 16 |    |     | 2  | 6  | 120 | 4  | 4  | 144 | 4  |    |    |    |    |    | 18 |    |    | 16 |    | 4  | 88 |    |
| 20 |   | 1.20 | 7 | 252 | 122 | 26 |    | 90 | 108 | 2  | 4  | 130 | 1  | 4  | 144 | 1  |    |    |    | 1  |    | 18 |    | 26 |    | 36 | 2  | 35 |    |
|    |   |      |   |     |     |    |    |    |     |    |    |     | 2  | 1  | 36  |    | 2  |    |    | 2  |    | 18 |    |    |    | 18 | 2  | 16 |    |
|    |   |      |   |     |     |    |    |    |     |    |    |     | 3  | 2  | 72  |    | 3  |    |    | 3  |    | 18 |    |    |    | 36 | 4  | 32 |    |
| 21 |   | 1.21 | 3 | 108 | 59  | 36 | 16 |    | 18  | 2  | 5  | 49  | 5  | 3  | 108 |    | 5  |    |    |    |    | 18 |    | 36 | 16 |    | 5  | 51 |    |
| 22 |   | 1.22 | 3 | 108 | 49  | 26 | 16 |    |     | 2  | 5  | 59  | 6  | 3  | 108 |    | 6  |    |    | 6  |    | 18 |    | 26 | 16 |    | 5  | 61 |    |
| 23 |   | 1.23 | 3 | 108 | 61  | 36 |    | 18 | 18  | 2  | 5  | 47  | 5  | 3  | 108 |    | 5  |    |    | 5  |    | 18 |    | 36 |    | 18 | 5  | 49 |    |
| 24 |   | 1.24 | 7 | 252 | 121 | 62 | 16 | 36 | 36  | 2  | 5  | 131 | 5  | 3  | 108 |    | 5  |    |    | 5  |    | 18 |    | 36 |    | 18 | 5  | 49 |    |
|    |   |      |   |     |     |    |    |    |     |    |    |     | 6  | 4  | 144 | 6  |    |    |    | 6  |    | 18 |    | 26 | 16 | 18 | 4  | 35 |    |
| 25 |   | 1.25 | 3 | 108 | 58  | 36 |    | 18 | 9   | 2  | 2  | 50  | 3  | 3  | 108 |    | 3  |    |    |    | 3  | 18 |    | 36 |    | 18 | 2  | 52 |    |
| 26 |   | 1.26 | 3 | 108 | 63  | 36 |    | 18 | 36  | 2  | 7  | 45  | 6  | 3  | 108 | 6  |    |    | 6  |    |    | 18 |    | 36 |    | 18 | 5  | 31 |    |
| 27 |   | 1.27 | 3 | 108 | 43  | 18 | 16 |    | 18  | 2  | 7  | 65  | 5  | 3  | 108 |    | 5  |    |    |    |    | 18 |    | 18 | 16 |    | 7  | 67 |    |
| 28 |   | 1.28 | 4 | 144 | 67  | 26 | 16 | 16 |     | 2  | 7  | 77  | 5  | 4  | 144 | 5  |    |    |    | 5  |    | 18 |    | 26 | 16 | 16 | 5  | 27 |    |

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

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|------|--|--------|---|-----|----|----|--|----|----|---|---|----|---|-----|-----|--|---|--|--|--|---|----|--|----|--|----|---|----|--|
| 29   |  | 1.29   | 3 | 108 | 58 | 18 |  | 36 | 18 | 2 | 2 | 50 | 1 | 3   | 108 |  | 1 |  |  |  | 1 | 18 |  | 18 |  | 36 | 2 | 52 |  |
| 29.1 |  | 1.29.1 |   |     |    |    |  |    |    |   |   |    | 1 | 1,5 | 54  |  |   |  |  |  |   | 18 |  | 8  |  | 18 | 1 | 27 |  |
| 29.2 |  | 1.29.2 |   |     |    |    |  |    |    |   |   |    | 1 | 1,5 | 54  |  |   |  |  |  |   | 18 |  | 8  |  | 18 | 1 | 27 |  |

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|    |   |          |    |     |     |    |    |    |    |   |    |     |    |   |     |   |    |  |   |   |    |    |    |    |    |    |    |    |  |
|----|---|----------|----|-----|-----|----|----|----|----|---|----|-----|----|---|-----|---|----|--|---|---|----|----|----|----|----|----|----|----|--|
| 30 |   | 1. 1.30  | 6  | 216 | 100 | 36 | 32 | 18 |    | 2 | 12 | 116 | 4  | 6 | 216 | 4 |    |  |   | 4 |    | 18 |    | 36 | 32 | 18 | 10 | 84 |  |
| 31 | - | 1. 1.31  | 12 | 432 | 102 |    | 96 |    | 80 | 2 | 4  | 330 | 5  | 2 | 72  |   | 5  |  |   |   |    | 18 |    |    | 16 |    | 4  | 52 |  |
|    |   |          |    |     |     |    |    |    |    |   |    |     | 6  | 2 | 72  |   | 6  |  |   |   |    | 18 |    |    | 16 |    | 5  | 51 |  |
|    |   |          |    |     |     |    |    |    |    |   |    |     | 7  | 2 | 72  |   | 7  |  |   |   |    | 18 |    |    | 16 |    | 4  | 52 |  |
|    |   |          |    |     |     |    |    |    |    |   |    |     | 8  | 2 | 72  |   | 8  |  |   |   |    | 18 |    |    | 16 |    | 5  | 51 |  |
|    |   |          |    |     |     |    |    |    |    |   |    |     | 9  | 2 | 72  |   | 9  |  |   |   |    | 18 |    |    | 16 |    | 5  | 51 |  |
|    |   |          |    |     |     |    |    |    |    |   |    |     | 10 | 2 | 72  |   | 10 |  |   |   |    | 18 |    |    | 16 |    | 4  | 52 |  |
| 32 |   | 1. 1.32. | 4  | 144 | 60  | 36 | 16 |    |    | 2 | 6  | 84  | 5  | 4 | 144 | 5 |    |  |   | 5 |    | 18 |    | 36 | 16 |    | 4  | 34 |  |
| 33 |   | 1. 1.33  | 8  | 288 | 59  | 18 | 32 |    | 30 | 2 | 7  | 229 | 5  | 4 | 144 | 5 |    |  |   | 5 |    | 18 |    | 18 | 16 |    | 5  | 51 |  |
|    |   |          |    |     |     |    |    |    |    |   |    |     | 6  | 4 | 144 | 6 |    |  |   | 6 |    | 18 |    |    | 16 |    | 6  | 77 |  |
| 34 |   | 1. 1.34  | 9  | 324 | 114 | 36 | 64 |    | 36 | 2 | 12 | 210 | 7  | 5 | 180 | 7 |    |  | 7 |   | 18 |    | 18 | 32 |    | 10 | 66 |    |  |
|    |   |          |    |     |     |    |    |    |    |   |    |     | 8  | 4 | 144 | 8 |    |  |   | 8 |    | 18 |    | 18 | 32 |    | 8  | 59 |  |
| 35 |   | 1. 1.35  | 3  | 108 | 40  | 18 | 16 |    | 18 | 2 | 4  | 68  | 8  | 3 | 108 |   | 8  |  |   | 8 |    | 18 |    | 18 | 16 |    | 4  | 70 |  |
| 36 |   | 1. 1.36. | 3  | 108 | 56  | 36 | 16 |    |    | 2 | 2  | 52  | 7  | 3 | 108 |   | 7  |  |   | 7 |    | 18 |    | 36 | 16 |    | 2  | 54 |  |
| 37 |   | 1. 1.37. | 3  | 108 | 38  | 18 | 16 |    | 20 | 2 | 2  | 70  | 8  | 3 | 108 |   | 8  |  |   | 8 |    | 18 |    | 18 | 16 |    | 2  | 72 |  |
| 38 |   | 1. 1.38. | 3  | 108 | 43  | 18 | 16 |    | 18 | 2 | 7  | 65  | 7  | 3 | 108 |   | 7  |  |   | 7 |    | 18 |    | 18 | 16 |    | 7  | 67 |  |
| 39 |   | 1. 1.39  | 3  | 108 | 43  | 18 | 16 |    |    | 2 | 7  | 65  | 6  | 3 | 108 |   | 6  |  |   | 6 |    | 18 |    | 18 | 16 |    | 7  | 67 |  |
| 40 |   | 1. 1.40  | 10 | 360 | 80  | 36 | 36 |    |    | 2 | 6  | 280 | 7  | 5 | 180 | 7 |    |  | 7 |   | 18 |    | 18 | 18 |    | 4  | 86 |    |  |

| 1  | 2 | 3       | 4 | 5   | 6   | 7  | 8  | 9  | 10 | 11 | 12 | 13  | 14 | 15 | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29  | 30 |
|----|---|---------|---|-----|-----|----|----|----|----|----|----|-----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|
|    |   |         |   |     |     |    |    |    |    |    |    |     | 8  | 5  | 180 | 8  |    |    | 8  |    |    | 18 |    | 18 | 18 |    | 5  | 112 |    |
| 41 |   | 1. 1.41 | 8 | 288 | 77  | 36 | 32 |    |    | 2  | 7  | 211 | 7  | 4  | 144 | 7  |    |    |    | 7  |    | 18 |    | 18 | 16 |    | 5  | 51  |    |
|    |   |         |   |     |     |    |    |    |    |    |    |     | 8  | 4  | 144 | 8  |    |    |    | 8  |    | 18 |    | 18 | 16 |    | 5  | 78  |    |
| 42 |   | 1. 1.42 | 5 | 180 | 79  | 36 | 16 | 18 | 18 | 2  | 7  | 101 | 8  | 5  | 180 | 8  |    |    | 8  |    |    | 18 |    | 36 | 16 | 18 | 5  | 78  |    |
| 43 |   | 1. 1.43 | 8 | 288 | 59  | 18 | 32 |    | 34 | 2  | 7  | 229 | 9  | 4  | 144 | 9  |    |    | 9  |    |    | 18 |    | 18 | 16 |    | 5  | 51  |    |
|    |   |         |   |     |     |    |    |    |    |    |    |     | 10 | 4  | 144 | 10 |    |    | 10 |    |    | 18 |    |    | 16 |    | 8  | 75  |    |
| 44 |   | 1. 1.44 | 8 | 288 | 144 | 68 | 32 | 36 | 36 | 2  | 6  | 144 | 9  | 4  | 144 | 9  |    |    |    | 9  |    | 18 |    | 36 | 16 | 18 | 4  | 16  |    |
|    |   |         |   |     |     |    |    |    |    |    |    |     | 10 | 4  | 144 | 10 |    | 10 |    |    |    | 18 |    | 32 | 16 | 18 | 4  | 38  |    |
| 45 |   | 1. 1.45 | 4 | 144 | 47  | 18 | 18 |    |    | 2  | 9  | 97  | 9  | 4  | 144 | 9  |    |    | 9  |    |    | 18 |    | 18 | 18 |    | 7  | 47  |    |
| 46 |   | 1. 1.46 | 4 | 144 | 42  | 18 | 16 |    | 20 | 2  | 6  | 102 | 10 | 4  | 144 | 10 |    |    |    | 10 |    | 18 |    | 18 | 16 |    | 4  | 79  |    |
| 47 |   | 1. 1.47 | 3 | 108 | 35  | 18 | 8  |    |    | 2  | 7  | 73  | 10 | 3  | 108 |    | 10 |    |    | 10 |    | 18 |    | 18 | 8  |    | 7  | 75  |    |
| 48 |   | 1. 1.48 | 3 | 108 | 42  | 18 | 16 |    | 20 | 2  | 6  | 66  | 10 | 3  | 108 |    | 10 |    |    | 10 |    | 18 |    | 18 | 16 |    | 6  | 68  |    |
| 49 |   | 1. 1.49 | 3 | 108 | 49  | 26 | 16 |    | 18 | 2  | 5  | 59  | 7  | 3  | 108 |    | 7  |    |    | 7  |    | 18 |    | 26 | 16 |    | 5  | 61  |    |
| 50 |   | 1. 1.50 | 4 | 144 | 48  | 18 |    | 18 | 20 | 2  | 10 | 96  | 9  | 4  | 144 |    | 9  |    |    | 9  |    | 18 |    | 18 |    | 18 | 10 | 98  |    |
| 51 |   | 1. 1.51 | 6 | 216 | 44  |    | 32 |    | 18 | 2  | 10 | 172 | 9  | 3  | 108 |    | 9  |    |    | 9  |    | 18 |    |    | 16 |    | 10 | 82  |    |
|    |   |         |   |     |     |    |    |    |    |    |    |     | 10 | 3  | 108 |    | 10 |    |    | 10 |    | 18 |    |    | 16 |    | 10 | 82  |    |
| 52 |   | 1. 1.52 | 3 | 108 | 38  | 16 |    | 16 | 8  | 2  | 4  | 70  | 9  | 3  | 108 |    | 9  |    |    | 9  |    | 18 |    | 16 |    | 16 | 4  | 72  |    |
| 53 |   | 1. 1.53 | 3 | 108 | 38  | 16 |    | 16 | 8  | 2  | 4  | 70  | 9  | 3  | 108 |    | 9  |    |    | 9  |    | 18 |    | 16 |    | 16 | 4  | 72  |    |

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|------|-----|---------------|---|-----|----|--|----|--|--|---|----|----|---|---|-----|---|--|--|--|---|--|----|--|--|----|--|----|----|--|
| 54.1 | ( ) | 1. 2.54.<br>1 | 3 | 108 | 46 |  | 32 |  |  | 2 | 12 | 62 | 3 | 3 | 108 | 3 |  |  |  | 3 |  | 18 |  |  | 32 |  | 10 | 12 |  |
| 54.2 |     | 1. 2.54.<br>2 |   |     |    |  |    |  |  |   |    |    | 3 | 3 | 108 | 3 |  |  |  | 3 |  | 18 |  |  | 32 |  | 10 | 12 |  |

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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|   |   |   |   |   |   |   |   |   |    |    |    |    | 6  | 0  | 36 |    |    |    |    |    |    | 18 | 0  |    |    | 36 | 0  | 0  |    |
|   |   |   |   |   |   |   |   |   |    |    |    |    | 7  | 0  | 30 |    |    |    |    |    |    | 18 | 0  |    |    | 30 | 0  | 0  |    |
|   |   |   |   |   |   |   |   |   |    |    |    |    | 8  | 0  | 10 |    |    |    |    |    |    | 18 | 0  |    |    | 10 | 0  | 0  |    |

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|----|----------|------|---|-----|---|--|--|--|--|---|--|-----|---|---|-----|--|---|--|--|--|--|----|--|--|--|--|--|-----|--|
| 57 | :        | 2.57 | 6 | 216 | 2 |  |  |  |  | 2 |  | 214 | 4 | 6 | 216 |  | 4 |  |  |  |  | 18 |  |  |  |  |  | 216 |  |
| 58 | (<br>- ) | 2.58 | 6 | 216 | 2 |  |  |  |  | 2 |  | 214 | 6 | 6 | 216 |  | 6 |  |  |  |  | 18 |  |  |  |  |  | 216 |  |

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|    |     |      |    |     |   |  |  |  |  |   |  |     |    |    |     |  |    |  |  |  |  |    |  |  |  |  |  |     |  |
|----|-----|------|----|-----|---|--|--|--|--|---|--|-----|----|----|-----|--|----|--|--|--|--|----|--|--|--|--|--|-----|--|
| 59 | :   | 2.59 | 21 | 756 | 2 |  |  |  |  | 2 |  | 754 | 11 | 21 | 756 |  | 11 |  |  |  |  |    |  |  |  |  |  | 756 |  |
| 60 | - : | 2.60 | 3  | 108 | 2 |  |  |  |  | 2 |  | 106 | 10 | 3  | 108 |  | 10 |  |  |  |  | 18 |  |  |  |  |  | 108 |  |

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|    |         |         |   |     |   |  |  |  |  |   |  |     |    |   |     |  |    |  |  |  |  |    |  |  |  |  |  |     |  |
|----|---------|---------|---|-----|---|--|--|--|--|---|--|-----|----|---|-----|--|----|--|--|--|--|----|--|--|--|--|--|-----|--|
| 61 | ( - ) : | 2. 1.61 | 6 | 216 | 2 |  |  |  |  | 2 |  | 214 | 8  | 6 | 216 |  | 8  |  |  |  |  | 18 |  |  |  |  |  | 216 |  |
| 62 | :       | 2. 1.62 | 6 | 216 | 2 |  |  |  |  | 2 |  | 214 | 10 | 6 | 216 |  | 10 |  |  |  |  | 18 |  |  |  |  |  | 216 |  |

3.

|    |  |      |   |     |  |  |  |  |  |  |  |     |    |   |     |  |  |  |  |  |  |  |  |  |  |  |  |     |  |
|----|--|------|---|-----|--|--|--|--|--|--|--|-----|----|---|-----|--|--|--|--|--|--|--|--|--|--|--|--|-----|--|
| 63 |  | 3.63 | 3 | 108 |  |  |  |  |  |  |  | 108 | 11 | 3 | 108 |  |  |  |  |  |  |  |  |  |  |  |  | 108 |  |
| 64 |  | 3.64 | 6 | 216 |  |  |  |  |  |  |  | 216 | 11 | 6 | 216 |  |  |  |  |  |  |  |  |  |  |  |  | 216 |  |

|    |     |        |   |     |     |  |  |  |     |     |   |   |     |   |   |    |  |   |  |  |  |  |    |  |  |  |    |   |    |  |
|----|-----|--------|---|-----|-----|--|--|--|-----|-----|---|---|-----|---|---|----|--|---|--|--|--|--|----|--|--|--|----|---|----|--|
| 65 | ( ) | . 1.65 | 2 | 72  | 40  |  |  |  | 36  | 36  | 2 | 2 | 32  | 1 | 2 | 72 |  | 1 |  |  |  |  | 18 |  |  |  | 36 | 2 | 34 |  |
| 66 | ( ) | . 1.66 | 8 | 288 | 148 |  |  |  | 144 | 144 | 2 | 2 | 140 | 4 | 2 | 72 |  | 4 |  |  |  |  | 18 |  |  |  | 36 | 2 | 34 |  |

| 1  | 2 |  |  |  |  |  |  |  |  |  |  |  | 3      | 4 | 5   | 6  | 7  | 8 | 9 | 10 | 11 | 12 | 13 | 14  | 15 | 16 | 17 | 18  | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |    |  |
|----|---|--|--|--|--|--|--|--|--|--|--|--|--------|---|-----|----|----|---|---|----|----|----|----|-----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
|    |   |  |  |  |  |  |  |  |  |  |  |  | 5      | 2 | 72  |    | 5  |   |   |    |    | 18 |    |     |    |    | 36 | 2   | 34 |    |    |    |    |    |    |    |    |    |    |    |    |  |
|    |   |  |  |  |  |  |  |  |  |  |  |  | 6      | 2 | 72  |    | 6  |   |   |    |    | 18 |    |     |    |    | 36 | 2   | 34 |    |    |    |    |    |    |    |    |    |    |    |    |  |
|    |   |  |  |  |  |  |  |  |  |  |  |  | 7      | 2 | 72  |    | 7  |   |   |    |    | 18 |    |     |    |    | 36 | 2   | 34 |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 67 |   |  |  |  |  |  |  |  |  |  |  |  | . 1.67 | 6 | 216 | 82 |    |   |   | 78 | 72 | 2  | 2  | 134 | 5  | 2  | 72 |     | 5  |    |    |    |    | 18 |    |    |    | 26 | 2  | 44 |    |  |
|    |   |  |  |  |  |  |  |  |  |  |  |  | 6      | 2 | 72  |    | 6  |   |   |    |    | 18 |    |     |    |    | 26 | 2   | 44 |    |    |    |    |    |    |    |    |    |    |    |    |  |
|    |   |  |  |  |  |  |  |  |  |  |  |  | 7      | 2 | 72  |    | 7  |   |   |    |    | 18 |    |     |    |    | 26 | 2   | 44 |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 68 |   |  |  |  |  |  |  |  |  |  |  |  | . 1.68 | 3 | 108 | 43 | 18 |   |   | 18 |    |    | 2  | 5   | 65 | 6  | 3  | 108 |    | 6  |    |    |    |    | 18 |    | 18 |    | 18 | 5  | 67 |  |

**Обозначения курсовых проектов:**

*п* - по дисциплине в *п*-ом семестре

*Кп* - комплексный (междисциплинарный) в *п*-ом семестре

*Мп* - межфакультетский в *п*-ом семестре

\*-

**Обозначения зачетов и экзаменов:**

*п* - зачет или экзамен в *п*-ом семестре

*Дп* - дифференцированный зачет в *п*-ом семестре

*Г* - государственный экзамен

**Примечание:** ГС-11, ГС-12



: 12208

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|       |     | 1    | 2  | 3    | 4  | 5    | 6  | 7    | 8    | 9    | 10   | 11   | 12 |
|-------|-----|------|----|------|----|------|----|------|------|------|------|------|----|
|       | 330 | 33   | 27 | 31   | 33 | 29   | 28 | 28   | 32   | 27   | 32   | 30   |    |
|       |     | 29,9 | 27 | 26,8 | 21 | 22,8 | 16 | 16,7 | 15,2 | 16,6 | 12,1 | 0    |    |
|       |     | 64   | 50 | 57   | 56 | 59   | 54 | 56,7 | 46,6 | 45   | 46   |      |    |
|       |     | 48   | 36 | 54   | 54 | 54   | 54 | 54   | 54   | 54   | 54   |      |    |
|       |     | 0    | 0  | 0    | 54 | 0    | 54 | 0    | 54   | 0    | 54   | 47,3 |    |
|       |     |      |    |      |    |      |    |      |      |      |      | 54   |    |
|       | 33  | 4    | 3  | 4    | 3  | 3    | 3  | 3    | 4    | 3    | 3    | 0    |    |
|       | 51  | 5    | 4  | 5    | 5  | 6    | 5  | 5    | 4    | 5    | 6    | 1    |    |
|       | 1   | 0    | 0  | 0    | 0  | 0    | 0  | 0    | 0    | 0    | 1    | 0    |    |
|       | 8   | 0    | 0  | 0    | 0  | 0    | 1  | 2    | 2    | 2    | 1    | 0    |    |
| - ( ) | 47  | 5    | 5  | 4    | 4  | 6    | 5  | 5    | 4    | 5    | 4    | 0    |    |
|       | 5   | 2    | 0  | 3    | 0  | 0    | 0  | 0    | 0    | 0    | 0    | 0    |    |