

H4

Dane do obliczeń : Ferma drobiu Gadów - pora nocy

Źródła punktowe

| Nr | X[m]  | Y[m]  | z[m] | Pma  | Symbol |
|----|-------|-------|------|------|--------|
| 1  | 415.5 | 232.6 | 1.8  | 87.1 | E-1    |
| 2  | 415.5 | 232.6 | 3.2  | 87.1 | E-2    |
| 3  | 408.6 | 238.2 | 1.8  | 87.1 | E-3    |
| 4  | 408.5 | 238.2 | 3.2  | 87.1 | E-4    |
| 5  | 405.1 | 241.1 | 1.8  | 87.1 | E-5    |
| 6  | 405.1 | 241.1 | 3.2  | 87.1 | E-6    |
| 7  | 401.8 | 243.7 | 1.8  | 87.1 | E-7    |
| 8  | 402.0 | 243.6 | 3.2  | 87.1 | E-8    |
| 9  | 398.3 | 246.4 | 1.8  | 87.1 | E-9    |
| 10 | 398.3 | 246.4 | 3.2  | 87.1 | E-10   |
| 11 | 395.0 | 249.1 | 1.8  | 87.1 | E-11   |
| 12 | 395.1 | 249.0 | 3.2  | 87.1 | E-12   |
| 13 | 387.8 | 254.9 | 1.8  | 87.1 | E-13   |
| 14 | 388.1 | 254.7 | 3.2  | 87.1 | E-14   |
| 15 | 380.9 | 260.5 | 1.8  | 87.1 | E-15   |
| 16 | 381.0 | 260.5 | 3.2  | 87.1 | E-16   |
| 17 | 377.0 | 263.6 | 1.8  | 87.1 | E-17   |
| 18 | 377.1 | 263.5 | 3.2  | 87.1 | E-18   |
| 19 | 369.3 | 269.8 | 1.8  | 87.1 | E-19   |
| 20 | 369.4 | 269.8 | 3.2  | 87.1 | E-20   |
| 21 | 365.3 | 273.0 | 1.8  | 87.1 | E-21   |
| 22 | 365.4 | 272.9 | 3.2  | 87.1 | E-22   |
| 23 | 361.7 | 276.1 | 1.8  | 87.1 | E-23   |
| 24 | 361.6 | 276.0 | 3.2  | 87.1 | E-24   |
| 25 | 357.8 | 279.2 | 1.8  | 87.1 | E-25   |
| 26 | 358.0 | 279.2 | 3.2  | 87.1 | E-26   |
| 27 | 350.2 | 285.2 | 1.8  | 87.1 | E-27   |
| 28 | 350.2 | 285.3 | 3.2  | 87.1 | E-28   |
| 29 | 346.4 | 288.4 | 1.8  | 87.1 | E-29   |
| 30 | 346.4 | 288.5 | 3.2  | 87.1 | E-30   |

Źródła typu hala produkcyjna :

WSPÓŁRZĘDNE WIERZCHOŁKÓW :

| Nr | X1[m] | Y1[m] | X2[m] | Y2[m] | X3[m] | Y3[m] | X4[m] | Y4[m] | h0[m] | h[m] |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 1  | 385.2 | 257.8 | 426.0 | 307.9 | 460.2 | 280.2 | 419.3 | 229.8 | 0.0   | 7.9  |
| 2  | 385.2 | 257.8 | 426.0 | 308.1 | 383.0 | 343.0 | 341.7 | 292.9 | 0.0   | 7.9  |
| 3  | 406.2 | 334.7 | 408.1 | 332.6 | 412.2 | 336.6 | 409.7 | 338.9 | 0.0   | 2.5  |

POZIOMY HAŁASU i IZOLACYJNOŚĆ PRZEGRÓD

| Nr źródła | A    | 63    | 125  | 250 | 500 | 1000 | 2000 | 4000 | 8000 | wsp.odb. |
|-----------|------|-------|------|-----|-----|------|------|------|------|----------|
| 1         | sc.1 | L wew | 0.0  | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 1.0000   |
|           |      | R sc  | 27.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0      |
|           | sc.2 | L wew | 0.0  | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 1.0000   |

|      |       |      |     |     |     |     |     |     |     |     |        |
|------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|--------|
|      | R sc  | 27.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |        |
| sc.3 | L wew | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0000 |
|      | R sc  | 27.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |        |
| sc.4 | L wew | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0000 |
|      | R sc  | 27.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |        |
| dach | L wew | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0000 |
|      | R d   | 25.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |        |

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| Nr źródła |            | A    | 63  | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | wsp.odb. |
|-----------|------------|------|-----|-----|-----|-----|------|------|------|------|----------|
| 2         | sc.1 L wew | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 1.0000   |
|           | R sc       | 27.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |          |
|           | sc.2 L wew | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 1.0000   |
|           | R sc       | 27.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |          |
|           | sc.3 L wew | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 1.0000   |
|           | R sc       | 27.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |          |
|           | sc.4 L wew | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 1.0000   |
|           | R sc       | 27.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |          |
|           | dach L wew | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 1.0000   |
|           | R d        | 25.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |          |

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| Nr źródła |            | A    | 63  | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | wsp.odb. |
|-----------|------------|------|-----|-----|-----|-----|------|------|------|------|----------|
| 3         | sc.1 L wew | 97.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 1.0000   |
|           | R sc       | 25.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |          |
|           | sc.2 L wew | 97.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 1.0000   |
|           | R sc       | 25.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |          |
|           | sc.3 L wew | 97.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 1.0000   |
|           | R sc       | 25.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |          |
|           | sc.4 L wew | 97.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 1.0000   |
|           | R sc       | 25.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |          |
|           | dach L wew | 97.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 1.0000   |
|           | R d        | 25.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |          |

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Ekranry akustyczne :

WSPÓLRZĘDNE WIERZCHOŁKÓW :

| Nr | X1[m] | Y1[m] | X2[m] | Y2[m] | X3[m] | Y3[m] | X4[m] | Y4[m] | h0[m] | h[m] |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 1  | 416.4 | 232.1 | 415.4 | 230.7 | 415.4 | 230.7 | 415.4 | 230.7 | 1.1   | 6.4  |
| 2  | 415.4 | 230.6 | 413.8 | 232.0 | 413.8 | 232.0 | 413.8 | 232.0 | 1.1   | 6.4  |
| 3  | 413.7 | 231.9 | 415.0 | 233.3 | 415.0 | 233.3 | 415.0 | 233.3 | 1.1   | 6.4  |
| 4  | 409.5 | 237.9 | 408.3 | 236.4 | 408.4 | 236.4 | 408.4 | 236.4 | 1.1   | 6.4  |
| 5  | 408.4 | 236.2 | 407.0 | 237.5 | 407.0 | 237.5 | 407.0 | 237.5 | 1.1   | 6.4  |
| 6  | 406.9 | 237.5 | 408.2 | 239.0 | 408.2 | 239.0 | 408.2 | 239.0 | 1.1   | 6.4  |
| 7  | 406.0 | 240.6 | 404.9 | 239.2 | 404.9 | 239.2 | 404.9 | 239.2 | 1.1   | 6.4  |
| 8  | 404.8 | 239.2 | 403.4 | 240.4 | 403.4 | 240.4 | 403.4 | 240.4 | 1.1   | 6.4  |
| 9  | 403.4 | 240.3 | 404.7 | 241.9 | 404.7 | 241.9 | 404.7 | 241.9 | 1.1   | 6.4  |
| 10 | 402.7 | 243.4 | 401.6 | 241.9 | 401.6 | 241.9 | 401.6 | 241.9 | 1.1   | 6.4  |
| 11 | 401.6 | 242.0 | 400.2 | 243.2 | 400.2 | 243.2 | 400.2 | 243.2 | 1.1   | 6.4  |
| 12 | 400.2 | 243.1 | 401.5 | 244.4 | 401.5 | 244.4 | 401.5 | 244.4 | 1.1   | 6.4  |
| 13 | 399.3 | 246.2 | 398.2 | 244.3 | 398.2 | 244.3 | 398.2 | 244.3 | 1.1   | 6.4  |
| 14 | 398.2 | 244.3 | 396.6 | 245.6 | 396.6 | 245.6 | 396.6 | 245.6 | 1.1   | 6.4  |
| 15 | 396.6 | 245.6 | 397.9 | 247.4 | 397.9 | 247.4 | 397.9 | 247.4 | 1.1   | 6.4  |

|    |       |       |       |       |       |       |       |       |     |     |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|
| 16 | 396.0 | 249.0 | 394.7 | 247.3 | 394.7 | 247.3 | 394.7 | 247.3 | 1.1 | 6.4 |
| 17 | 394.9 | 247.4 | 393.2 | 248.6 | 393.2 | 248.6 | 393.2 | 248.6 | 1.1 | 6.4 |
| 18 | 393.2 | 248.6 | 394.5 | 250.2 | 394.5 | 250.2 | 394.5 | 250.2 | 1.1 | 6.4 |
| 19 | 389.0 | 254.6 | 387.8 | 252.9 | 387.8 | 252.9 | 387.8 | 252.9 | 1.1 | 6.4 |
| 20 | 387.8 | 252.9 | 386.1 | 254.4 | 386.1 | 254.4 | 386.1 | 254.4 | 1.1 | 6.4 |
| 21 | 386.2 | 254.3 | 387.6 | 255.9 | 387.6 | 255.9 | 387.6 | 255.9 | 1.1 | 6.4 |
| 22 | 381.9 | 260.5 | 380.6 | 258.6 | 380.6 | 258.6 | 380.6 | 258.6 | 1.1 | 6.4 |
| 23 | 380.6 | 258.6 | 379.2 | 259.9 | 379.2 | 259.9 | 379.2 | 259.9 | 1.1 | 6.4 |
| 24 | 379.2 | 259.8 | 380.6 | 261.5 | 380.6 | 261.5 | 380.6 | 261.5 | 1.1 | 6.4 |
| 25 | 378.2 | 263.4 | 377.0 | 261.6 | 377.0 | 261.6 | 377.0 | 261.6 | 1.1 | 6.4 |
| 26 | 376.9 | 261.6 | 375.4 | 263.0 | 375.4 | 263.0 | 375.4 | 263.0 | 1.1 | 6.4 |
| 27 | 375.4 | 262.9 | 376.8 | 264.6 | 376.8 | 264.6 | 376.8 | 264.6 | 1.1 | 6.4 |
| 28 | 370.4 | 269.7 | 369.2 | 268.0 | 369.2 | 268.0 | 369.2 | 268.0 | 1.1 | 6.4 |
| 29 | 369.2 | 268.0 | 367.9 | 269.3 | 367.9 | 269.3 | 367.9 | 269.3 | 1.1 | 6.4 |
| 30 | 368.0 | 269.2 | 369.2 | 270.7 | 369.2 | 270.7 | 369.2 | 270.7 | 1.1 | 6.4 |
| 31 | 366.6 | 272.8 | 365.1 | 271.2 | 365.1 | 271.2 | 365.1 | 271.2 | 1.1 | 6.4 |
| 32 | 365.0 | 271.1 | 363.8 | 272.3 | 363.8 | 272.3 | 363.8 | 272.3 | 1.1 | 6.4 |
| 33 | 363.8 | 272.3 | 365.4 | 273.8 | 365.4 | 273.8 | 365.4 | 273.8 | 1.1 | 6.4 |
| 34 | 362.8 | 275.9 | 361.5 | 274.2 | 361.5 | 274.2 | 361.5 | 274.2 | 1.1 | 6.4 |
| 35 | 361.6 | 274.2 | 360.0 | 275.5 | 360.0 | 275.5 | 360.0 | 275.5 | 1.1 | 6.4 |
| 36 | 360.0 | 275.5 | 361.4 | 277.0 | 361.4 | 277.0 | 361.4 | 277.0 | 1.1 | 6.4 |
| 37 | 358.9 | 279.0 | 357.6 | 277.2 | 357.6 | 277.2 | 357.6 | 277.2 | 1.1 | 6.4 |
| 38 | 357.6 | 277.2 | 356.1 | 278.6 | 356.1 | 278.6 | 356.1 | 278.6 | 1.1 | 6.4 |
| 39 | 356.2 | 278.6 | 357.6 | 280.0 | 357.6 | 280.0 | 357.6 | 280.0 | 1.1 | 6.4 |
| 40 | 351.4 | 285.1 | 350.1 | 283.4 | 350.1 | 283.4 | 350.1 | 283.4 | 1.1 | 6.4 |
| 41 | 350.2 | 283.3 | 348.5 | 284.6 | 348.5 | 284.6 | 348.5 | 284.6 | 1.1 | 6.4 |
| 42 | 348.5 | 284.6 | 349.8 | 286.4 | 349.8 | 286.4 | 349.8 | 286.4 | 1.1 | 6.4 |
| 43 | 347.5 | 288.1 | 346.0 | 286.5 | 346.0 | 286.5 | 346.0 | 286.5 | 1.1 | 6.4 |
| 44 | 346.1 | 286.6 | 344.8 | 287.8 | 344.8 | 287.8 | 344.8 | 287.8 | 1.1 | 6.4 |
| 45 | 344.8 | 287.8 | 346.0 | 289.3 | 346.0 | 289.3 | 346.0 | 289.3 | 1.1 | 6.4 |
| 46 | 412.1 | 336.6 | 406.5 | 330.9 | 415.4 | 321.8 | 420.9 | 327.8 | 0.0 | 4.0 |
| 47 | 408.2 | 332.6 | 406.2 | 335.0 | 404.1 | 333.0 | 406.4 | 330.6 | 0.0 | 4.0 |
| 48 | 349.8 | 339.2 | 366.8 | 361.1 | 373.2 | 356.0 | 355.4 | 334.1 | 0.0 | 4.0 |
| 49 | 362.5 | 376.6 | 369.2 | 385.1 | 386.5 | 371.4 | 379.5 | 363.0 | 0.0 | 4.0 |
| 50 | 401.0 | 382.8 | 383.5 | 360.4 | 392.5 | 352.8 | 410.8 | 375.2 | 0.0 | 4.0 |
| 51 | 409.0 | 355.4 | 412.6 | 359.3 | 415.6 | 356.8 | 412.4 | 352.6 | 0.0 | 3.0 |
| 52 | 416.1 | 357.1 | 421.4 | 363.5 | 425.7 | 359.8 | 419.7 | 352.8 | 0.0 | 4.0 |
| 53 | 426.7 | 347.4 | 421.6 | 341.3 | 426.1 | 338.2 | 430.8 | 343.7 | 0.0 | 2.0 |
| 54 | 381.7 | 400.9 | 388.8 | 409.9 | 393.0 | 407.2 | 385.6 | 397.2 | 0.0 | 2.0 |
| 55 | 390.7 | 408.8 | 394.2 | 413.6 | 399.9 | 409.2 | 396.4 | 404.0 | 0.0 | 2.0 |
| 56 | 394.4 | 413.8 | 402.3 | 406.0 | 408.3 | 413.4 | 399.4 | 420.4 | 0.0 | 3.0 |

WSPÓŁCZYNNIKI ODBICIA DLA ŚCIAN

| Nr | ściana 1 | ściana 2 | ściana 3 | ściana 4 | dach   |
|----|----------|----------|----------|----------|--------|
| 1  | 1.0000   | 1.0000   | 1.0000   | 1.0000   | 1.0000 |
| 2  | 1.0000   | 1.0000   | 1.0000   | 1.0000   | 1.0000 |
| 3  | 1.0000   | 1.0000   | 1.0000   | 1.0000   | 1.0000 |
| 4  | 1.0000   | 1.0000   | 1.0000   | 1.0000   | 1.0000 |
| 5  | 1.0000   | 1.0000   | 1.0000   | 1.0000   | 1.0000 |
| 6  | 1.0000   | 1.0000   | 1.0000   | 1.0000   | 1.0000 |
| 7  | 1.0000   | 1.0000   | 1.0000   | 1.0000   | 1.0000 |
| 8  | 1.0000   | 1.0000   | 1.0000   | 1.0000   | 1.0000 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| 9  | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 10 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 11 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 12 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 13 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 14 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 15 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 16 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 17 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 18 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 19 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 20 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 21 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 22 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 23 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 24 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 25 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 26 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 27 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 28 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 29 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 30 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 31 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 32 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 33 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 34 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 35 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 36 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 37 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 38 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 39 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 40 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 41 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 42 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 43 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 44 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 45 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 46 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 47 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 48 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 49 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 50 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 51 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 52 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 53 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 54 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 55 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 56 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |

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