

Crypto: Heuristic Problem Solving Task 7

H10:

Problem: (8,4,3,0,1) G: (2)

Solution: $((8 / 4) + (3 * (0 * 1)))$

Problem: (4,2,0,1,3) G: (2)

Solution: $((4 / 2) + (0 * (1 * 3)))$

Problem: (2,1,0,4,6) G: (2)

Solution: $((2 / 1) + (0 * (4 * 6)))$

hex value: $\text{hex}(\text{H10}) = (0.5 / 3) + (0.5 / (1 + 0)) \rightarrow .667$

app value: 0.015

H11:

Problem: (9,3,4,3,7) G: (0)

Solution: $(((9 / 3) - 3) * (4 + 7))$

Problem: (3,1,3,9,8) G: (0)

Solution: $(((3 / 1) - 3) * (9 + 8))$

Problem: (6,2,3,8,5) G: (0)

Solution: $(((6 / 2) - 3) * (8 + 5))$

hex value: $\text{hex}(\text{H11}) = (0.5 / 4) + (0.5 / (1 + 0)) \rightarrow .625$

app value: 0.015

H12:

Problem: (8,2,3,3,0) G: (3)

Solution: $((8 / 2) - (3 / 3)) + 0$

Problem: (4,1,2,2,0) G: (3)

Solution: $((4 / 1) - (2 / 2)) + 0$

Problem: (8,2,5,5,0) G: (3)

Solution: $((8 / 2) - (5 / 5)) + 0$

hex value: $\text{hex}(H12) = (0.5 / 4) + (0.5 / (1 + 0)) \rightarrow .625$

app value: 0.015