Two Interesting Curves

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Two Curves

$$f(x) = (\sin x + \cos x) * (\cos x - 2)$$
$$g(x) = e^{2\sin x}$$

Two Curves

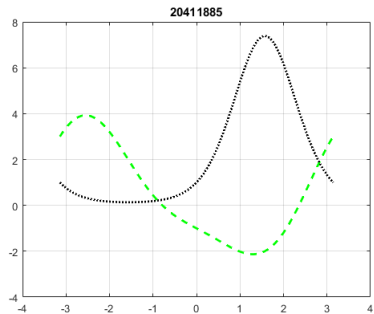$$f(x) = (\sin x + \cos x) * (\cos x - 2)$$
$$g(x) = e^{2 \sin x}$$

Figure: Two Curves

Obversations

Points of Intersection

State how many points of intersection are there.

Obversations

Points of Intersection

State how many points of intersection are there.

Question

State how you can determine the points of intersection.

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Points of Intersection

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State how you can determine the points of intersection.

Min/Max

State what can be said about maximum and minimum points of f and g

Summary

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