

light echoes of η -Carinae

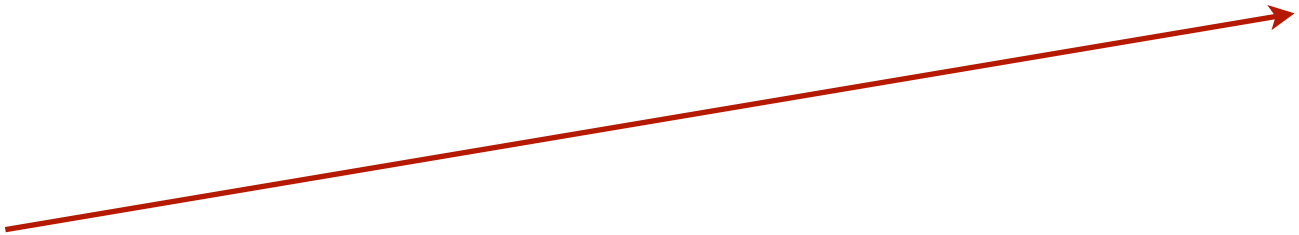


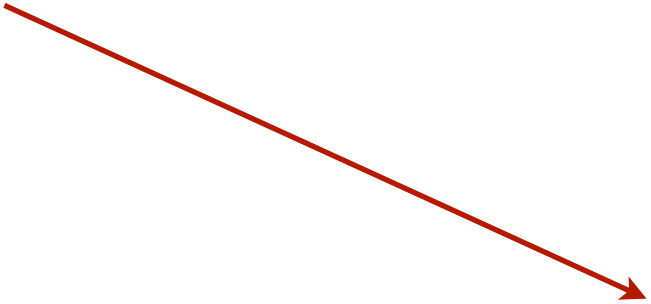


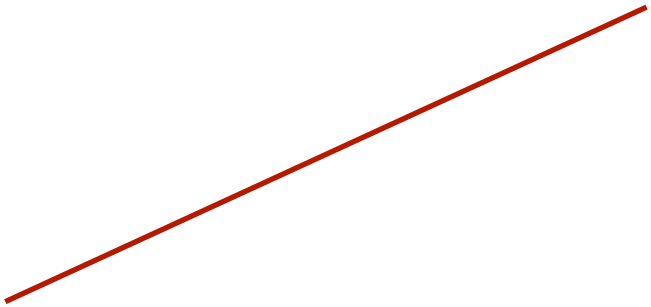














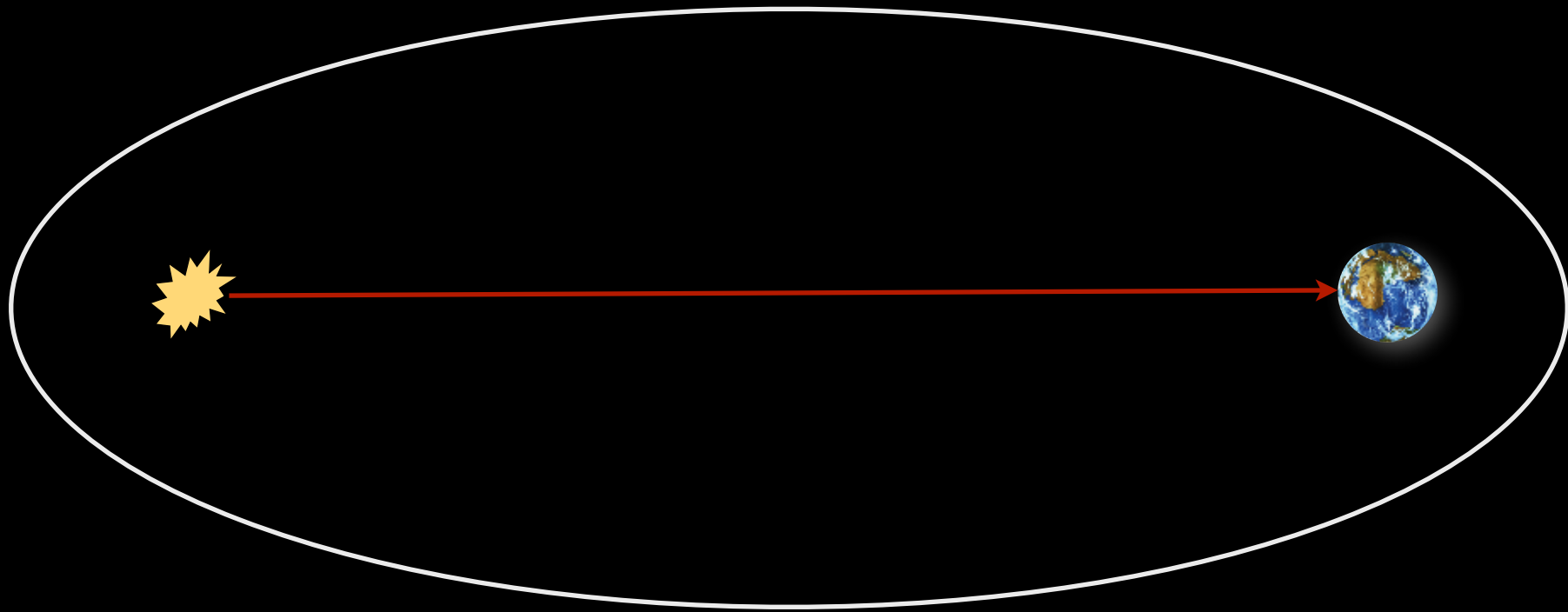


20 year
light echoes

what are light echoes?

what are light echoes?

Light echo geometry: the arrival time ellipsoid



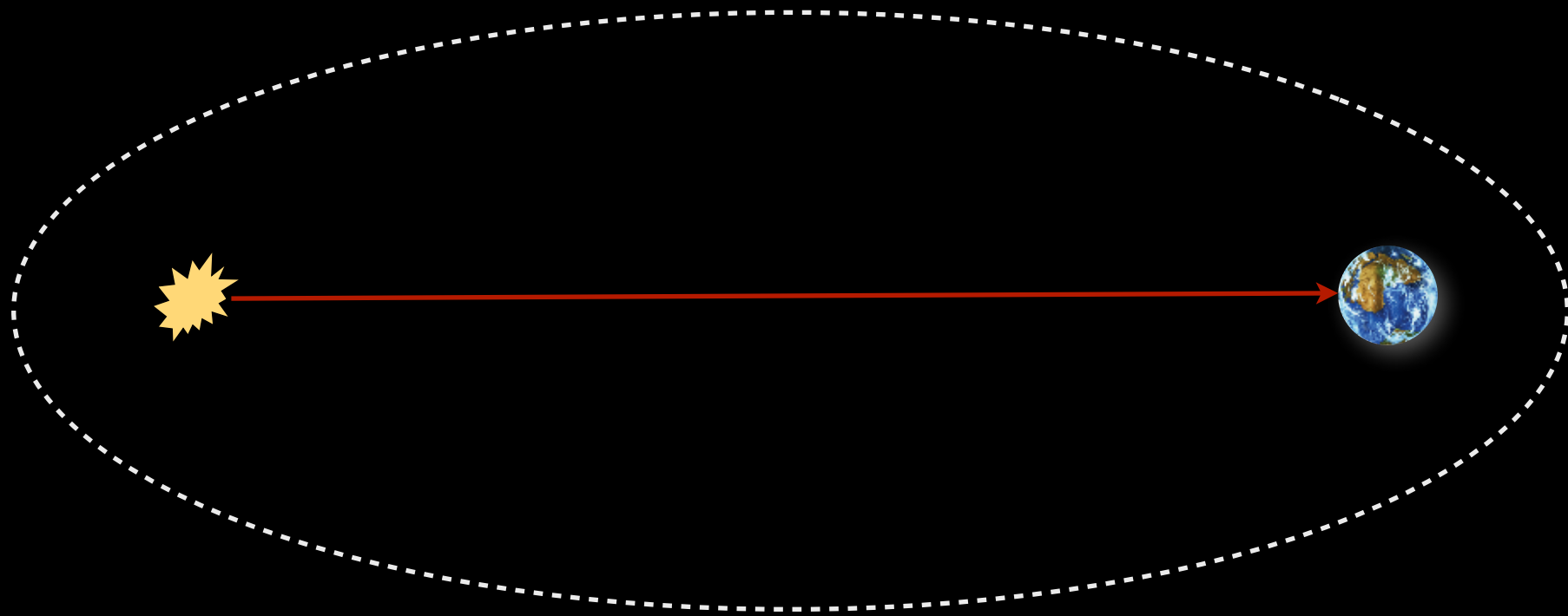
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$$a_1 + b_1 = a_2 + b_2 = a_0 + 20 \text{ ly}$$

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**20 year
light echoes**

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