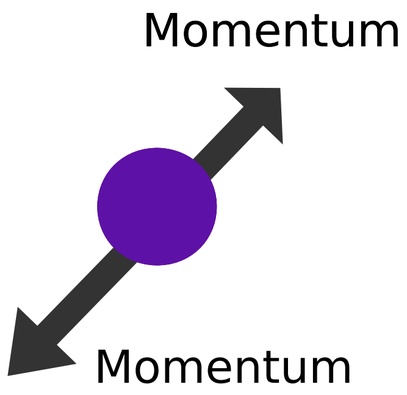
Pericenter

$TSP \equiv 0$ Gyr

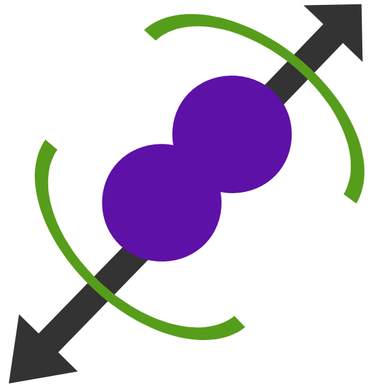


Key: subcluster shockfront

Outgoing scenario

$\mathbb{E}(TSP_{out}) = 0.46$ Gyr

$\mathbb{E}(d_{proj}) = 0.74$ kpc

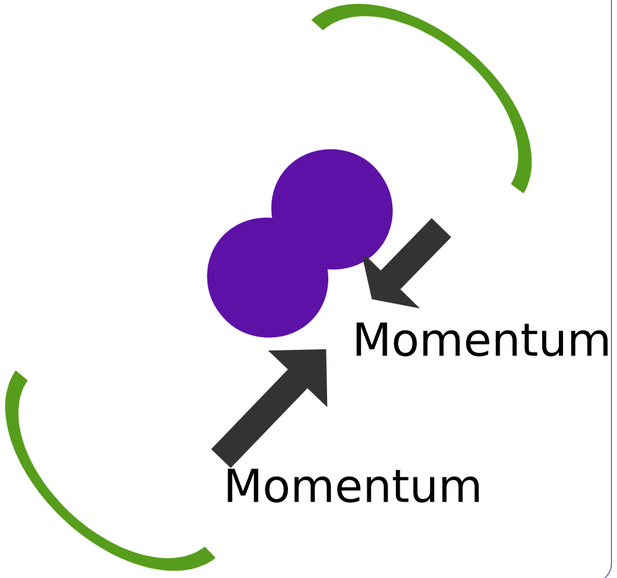


Apocenter

$\mathbb{E}(TSP = T/2) = 0.70$ Gyr

$\mathbb{E}(d_{max}) = 0.93$ kpc

Returning scenario

$\mathbb{E}(TSP_{ret}) = 0.91$ Gyr

$\mathbb{E}(d_{proj}) = 0.74$ kpc