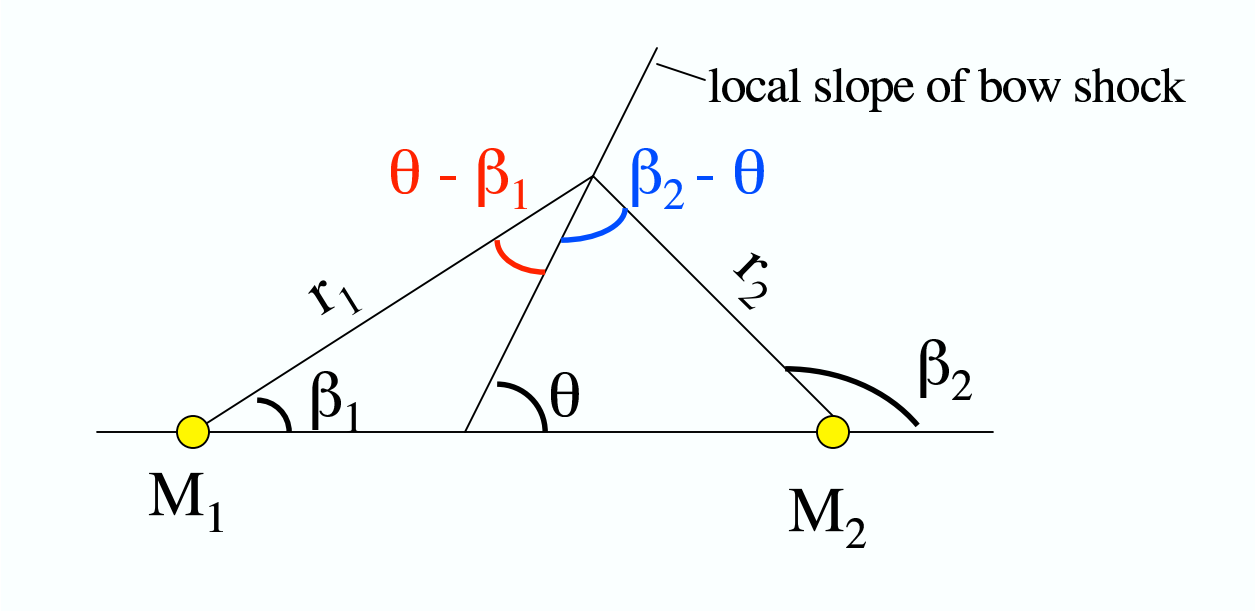
local slope of bow shock
θ - β1
β2 - θ
r1
r2
β1
θ
β2
M1
M2