[Y | Ynow, D] [ynow |D] [D]

Y is conditionally independent of you

[1/0][1/m/6] [0]

Sa that [Y/0][0] X [0/4] + Substitute

[Ynow 10] [017]

from 1

[Ynew 6, 14] Apropto 1 &] [OIY]

integrate out &;

 $[y^{ne}/y] = \int [y^{ne}/6] [6/y] d$ theta