7.7 Mr. Smith works on a temporary basis. The mean length of each job he gets is 3 months. If the amount of time he spends between jobs is exponentially distributed w/ mean I then e what have does Mr. Smith get new jobs?

My = 3 months Most vexp(m=2 months)

If Mr. Smith has a job for 3 months & has a I month meak in between then Mr. Smith on average gets a job every 5 months.

I Monico works on a tempozary basis. The mean length of each job she gets is 11 months. If the amount of time she spends retween jobs is exponentially distributed w/ mean 3 months, then in long run what traction of time does she spend working?

My = 11 months Most very (u=3 months)

Thm 3.4: In an atternating renewal mortes, im fraction of time in state 1 is:

MF + MG

Monica spends working (11 = 11 =) 0.7857 in the long run

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