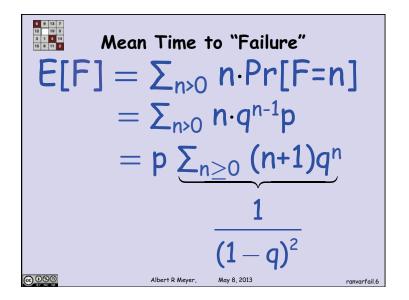
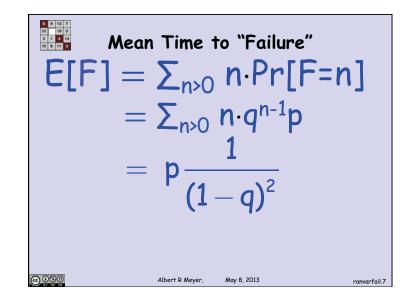
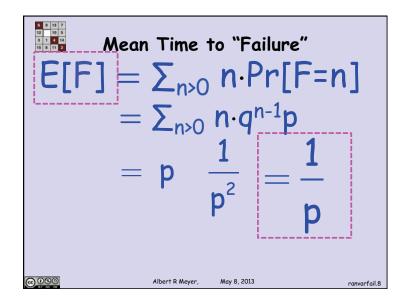
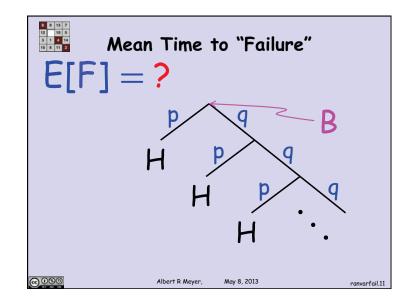


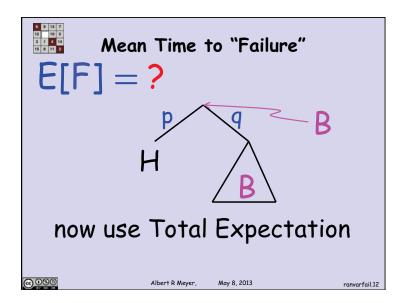
Mean Time to "Failure"
$\Pr[F=1] = \Pr[H] = p$
$\Pr[F=2] = \Pr[TH] = q \cdot p$
$\Pr[F=3] = \Pr[TTH] = q^2 \cdot p$
$PDF_{F}(n) = q^{n-1}p$
Geometric Distribution
Albert R Meyer, May 8, 2013 ranvarfail.5

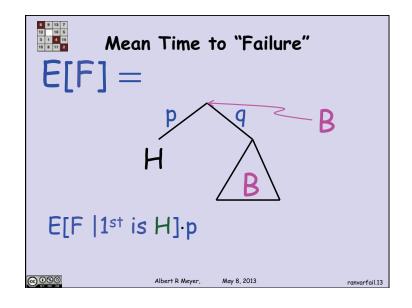


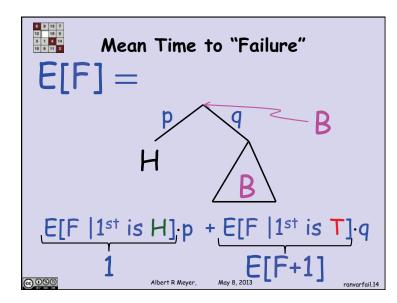


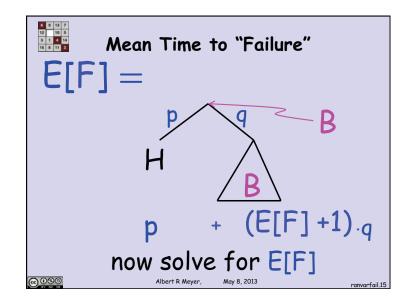


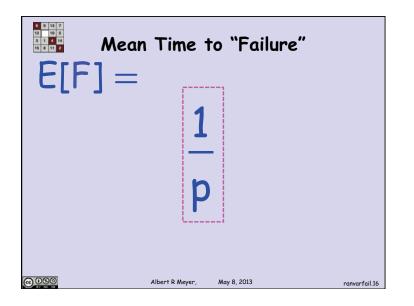


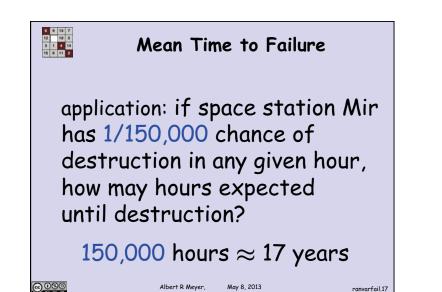


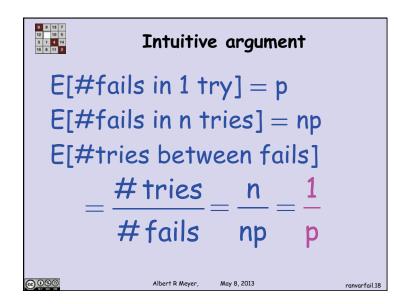












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