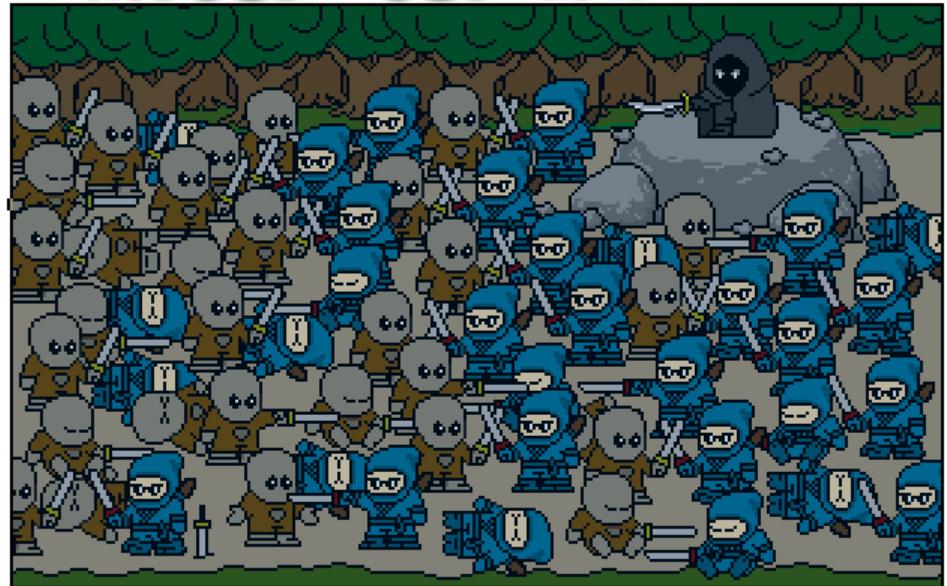


A MODEST DESTINY

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Juliette Zerick
June 4, 2009
PHY 250
Spring 2009



Armageddon Equations, MK6

$$G_S(n+1) = G_S(n) e^{u_{gsg} G_E(n) + u_{gsP} P(n) + u_{gsm} M(n) + u_{gst} T(n) - u_{gscs} B_S(n)}$$

$$G_E(n+1) = G_E(n) e^{u_{gegs} G_S(n) + u_{get} T(n) - u_{gem} M(n) - u_{gece} B_E(n)}$$

$$B_S(n+1) = B_S(n) e^{u_{bsbe} B_E(n) - u_{bst} T(n) - u_{bsp} P(n) - u_{bsm} M(n) - u_{bscs} G_S(n)}$$

$$B_E(n+1) = B_E(n) e^{u_{bebz} B_S(n) - u_{bet} T(n) - u_{becs} G_S(n) - u_{becs} G_E(n)}$$

$$P(n+1) = P(n) + u_{pt} T(n) + u_{pgs} G_S(n) + u_{pge} G_E(n) - u_{pbs} B_S(n) - u_{pbe} B_E(n) - u_{pm} M(n)$$

$$M(n+1) = M(n) e^{-u_{mg} G_E(n) \ln(G_S(n)) + u_{mcse} B_S(n) G_S(n) G_E(n) + u_{mp} P(n) - u_{mtgs} T(n) G_S(n) G_E(n) - u_{mb} B_S(n) B_E(n)}$$

$$\begin{aligned} T(n+1) = & T(n) + u_{tgs} G_S(n) - u_{tbs} B_S(n) + u_{tge} G_E(n) + u_{tbe} B_E(n) + u_{tp} P(n) + u_{tg} G_S(n) M(n) \\ & + u_{tb} B_E(n) \ln(B_S(n)) - u_{tcs} e^{u_{cxs} G_S(n) B_S(n)} - u_{tce} e^{u_{cex} G_E(n) B_E(n)} \end{aligned}$$

Armageddon Equations, MK6



$$G_S(n+1) = G_S(n) e^{u_{ges} G_E(n) + u_{gsp} P(n) + u_{gem} M(n) + u_{gst} T(n) - u_{gcs} B_S(n)}$$

$$G_E(n+1) = G_E(n) e^{u_{geg} G_S(n) + u_{get} T(n) - u_{gem} M(n) - u_{gece} B_E(n)}$$

$$B_S(n+1) = B_S(n) e^{u_{bes} B_E(n) - u_{bst} T(n) - u_{bsp} P(n) - u_{bsm} M(n) - u_{bsc} G_S(n)}$$

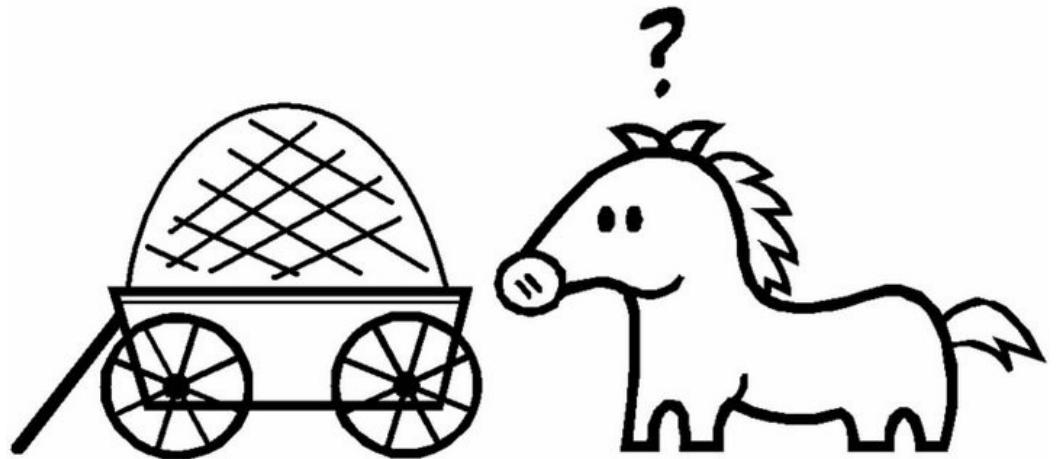
$$B_E(n+1) = B_E(n) e^{u_{beb} B_S(n) - u_{bet} T(n) - u_{bec} G_S(n) - u_{bec} G_E(n)}$$

$$P(n+1) = P(n) + u_{pt} T(n) + u_{pgs} G_S(n) + u_{pge} G_E(n) - u_{pbs} B_S(n) - u_{pbe} B_E(n) - u_{pm} M(n)$$

$$M(n+1) = M(n) e^{-u_{mg} G_E(n) \ln(G_S(n)) + u_{mcse} B_S(n) G_S(n) G_E(n) + u_{mp} P(n) - u_{mtgs} T(n) G_S(n) G_E(n) - u_{mb} B_S(n) B_E(n)}$$

$$\begin{aligned} T(n+1) = & T(n) + u_{tgs} G_S(n) - u_{tbs} B_S(n) + u_{tge} G_E(n) + u_{tbe} B_E(n) + u_{tp} P(n) + u_{tg} G_S(n) M(n) \\ & + u_{tb} B_E(n) \ln(B_S(n)) - u_{tcs} e^{u_{csx} G_S(n) B_S(n)} - u_{tce} e^{u_{cex} G_E(n) B_E(n)} \end{aligned}$$

Armageddon Equations, MK6



$$G_S(n+1) = G_S(n) e^{u_{gsg} G_E(n) + u_{gsp} P(n) + u_{gsm} M(n) + u_{gst} T(n) - u_{gss} B_S(n)}$$

$$G_E(n+1) = G_E(n) e^{u_{geg} G_S(n) + u_{get} T(n) - u_{gem} M(n) - u_{gece} B_E(n)}$$

$$B_S(n+1) = B_S(n) e^{u_{bsb} B_E(n) - u_{bst} T(n) - u_{bsp} P(n) - u_{bsm} M(n) - u_{bsc} G_S(n)}$$

$$B_E(n+1) = B_E(n) e^{u_{beb} B_S(n) - u_{bet} T(n) - u_{bec} G_S(n) - u_{bec} G_E(n)}$$

$$P(n+1) = P(n) + u_{pt} T(n) + u_{pgs} G_S(n) + u_{pge} G_E(n) - u_{pbs} B_S(n) - u_{pbe} B_E(n) - u_{pm} M(n)$$

$$M(n+1) = M(n) e^{-u_{mg} G_E(n) \ln(G_S(n)) + u_{mcse} B_S(n) G_S(n) G_E(n) + u_{mp} P(n) - u_{mtgs} T(n) G_S(n) G_E(n) - u_{mb} B_S(n) B_E(n)}$$

$$T(n+1) = T(n) + u_{tgs} G_S(n) - u_{tbs} B_S(n) + u_{tge} G_E(n) + u_{tbe} B_E(n) + u_{tp} P(n) + u_{tg} G_S(n) M(n) \\ + u_{tb} B_E(n) \ln(B_S(n)) - u_{tcs} e^{u_{cxs} G_S(n) B_S(n)} - u_{tce} e^{u_{cex} G_E(n) B_E(n)}$$

Armageddon Equations, MK6

$$G_S(n+1) = G_S(n) e^{u_{gsge} G_E(n) + u_{gsp} P(n) + u_{gem} M(n) + u_{gst} T(n) - u_{gcs} B_S(n)}$$

$$G_E(n+1) = G_E(n) e^{u_{gegs} G_S(n) + u_{get} T(n) - u_{gem} M(n) - u_{gece} B_E(n)}$$

$$B_S(n+1) = B_S(n) e^{u_{bsbe} B_E(n) - u_{bst} T(n) - u_{bsp} P(n) - u_{bsm} M(n) - u_{bscs} G_S(n)}$$

$$B_E(n+1) = B_E(n) e^{u_{bebz} B_S(n) - u_{bet} T(n) - u_{becs} G_S(n) - u_{becs} G_E(n)}$$

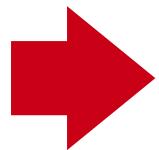
$$P(n+1) = P(n) + u_{pt} T(n) + u_{pgs} G_S(n) + u_{pge} G_E(n) - u_{pbs} B_S(n) - u_{pbe} B_E(n) - u_{pm} M(n)$$

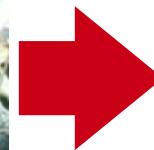
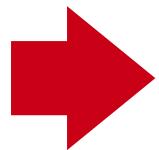
$$M(n+1) = M(n) e^{-u_{mg} G_E(n) \ln(G_S(n)) + u_{mcse} B_S(n) G_S(n) G_E(n) + u_{mp} P(n) - u_{mtgs} T(n) G_S(n) G_E(n) - u_{mb} B_S(n) B_E(n)}$$

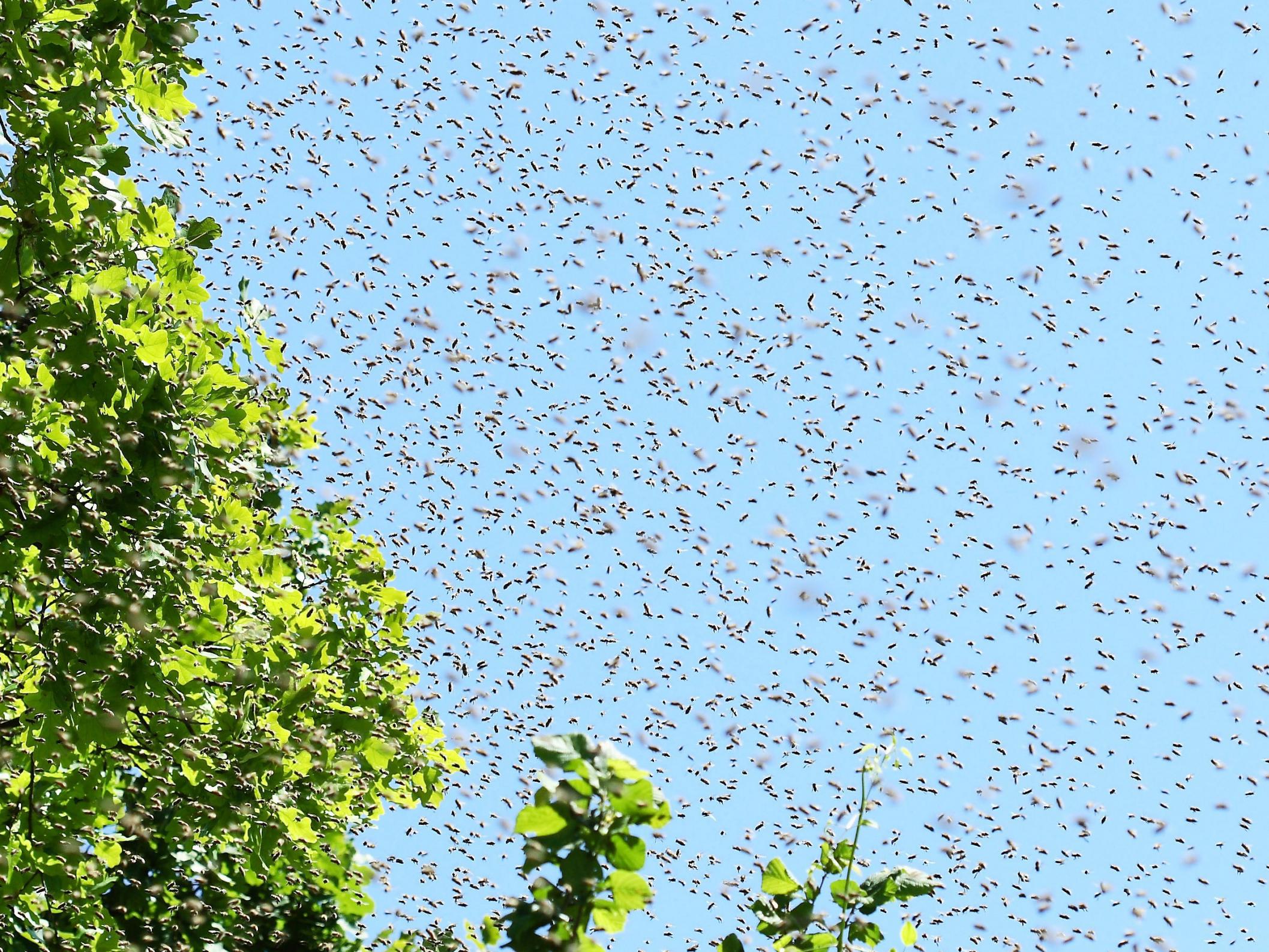
$$T(n+1) = T(n) + u_{tgs} G_S(n) - u_{tbs} B_S(n) + u_{tge} G_E(n) + u_{tbe} B_E(n) + u_{tp} P(n) + u_{tg} G_S(n) M(n) \\ + u_{tb} B_E(n) \ln(B_S(n)) - u_{tcs} e^{u_{cex} G_S(n) B_S(n)} - u_{tce} e^{u_{cex} G_E(n) B_E(n)}$$











ASSESS
Sensors

ENGAGE
Weapon

