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- [58] C.L. Xu and L.Z. Li (2002). Effect of diffusion and spatially varying predation risk on the dynamics and equilibrium density of a predator-prey system. *Journal of Theoretical Biology*, vol. 219, pp 73-82.
- [59] Y. Wu, and X. Zhao (2005). The existence and stability of traveling waves with transition layers for some singular cross-diffusion systems. *Science China Mathematics*, vol. 53, no. 5, pp 1161-1184.
- [60] X.Q. Zhao (2003). Dynamical Systems in Population Biology *Science China Mathematics*, Springer, New York, vol. 16.