

NETWORKS AND COMPLEXITY

Solution 17-6

*This is an example solution from the forthcoming book *Networks and Complexity*.*

Find more exercises at <https://github.com/NC-Book/NCB>

Ex 17.6: Timescale separation in the SIS model [5]

Use timescale separation coarse-graining to find better moment expansions/closures for the SIS model or the adaptive voter model.

Solution

This one seems to be quite doable, but nobody has actually explicitly done it yet.