



Providing transfer function for the population model

Ehsan Abolfathi^{1} and peyman taebi²*

*1Young Researchers and Elites Club, Science and Research Branch, Islamic Azad University, Tehran, Iran
ehsan.abolfathi84@gmail.com*

*2Young Researchers and Elites Club, Science and Research Branch, Islamic Azad University, Tehran, Iran
Peyman_taeabi@yahoo.com*

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ABSTRACT

Solve complex social and humanitarian issues has long been dream of scientists and researchers . and the most important tool for there issues is simulation . we tried combine several different simulation methods for population transfer function . note that the transfer function in the field of humanities is considered as low . hence another reason for us to offer combine different simulation methods . in first step , we provide a population model based on the stock-flow diagram (system dynamic) and then , transfer this model to block diagram model in matlab . finally , we calculation transfer function and compared the step response of three methods . we hope that the hybrid approach , be considers in the field of humanities .

Keyword:

system dynamic,
transfer function, block
diagram model

* Corresponding author: Ehsan Abolfathi