## Supplementary document of the paper

## "State Estimation Using a Network of Distributed Observers With Unknown Inputs"

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In this document, the parameters of the proposed observers designed in the simulation part (Section 5) are provided. We keep 4 significant digits for noninteger elements in all matrices. The following parameters are used for all four scenarios.

$$N_4 = \begin{bmatrix} -0.3000 & -0.1667 & 0 & 0.05000 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & -824.2 & 0 & 0 & -0.05000 & 0 & 0 & 0 & 0 & 0 \\ 0 & -0.1667 & -0.6500 & 0 & 0 & -0.2667 & 0 & 0 & 0 \\ 0.05000 & 0 & 0 & -0.6000 & -0.1000 & 0 & 0.4000 & 0 & 0 \\ 0 & -0.05000 & 0 & 0 & -824.2 & -0.03333 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & -0.03333 & -824.2 & 0 & 0 & -0.02857 \\ 0 & 0 & 0 & 0 & 0.4000 & 0 & 0 & -0.5000 & 0.1000 & 0 \\ 0 & 0 & 0 & 0 & 0 & -0.2333 & 0 & 0.1000 & -0.6000 & 0 \\ 0 & 0 & 0 & 0 & 0 & -0.02857 & 0 & 0 & -618.3 \end{bmatrix}.$$