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Game Theory and Applications  
3rd Joint China-Dutch Workshop and 7th China Meeting,  
GTA 2016, Fuzhou, China, November 20-23, 2016,  
Revised Selected Papers  
Li, D.-F.; Yang, X.-G.; Uetz, M.; Xu, G.-J. (Eds.)  
2017, XV, 369 p. 30 illus., Softcover  