

## Journal Copyright Permissions

Chapter 2 of this dissertation has appeared in the *Communications in Nonlinear Science and Numerical Simulation*, which belongs to the publishing company Elsevier. According to the copyright policies of Elsevier, the authors can use their articles, in full or in part, for inclusion in a thesis or dissertation (provided that this is not to be published commercially). Therefore, the permission to include this paper in this dissertation is granted. Detailed information on the copyright policies of Elsevier can be found at the link: <https://www.elsevier.com/about/policies/copyright>. The published article can be found at:

<https://www.sciencedirect.com/science/article/pii/S1007570419303521>.

Chapter 3 of this dissertation has appeared in the *International Journal of Mechanical Sciences*, which belongs to the publishing company Elsevier. According to the copyright policies of Elsevier, the authors can use their articles, in full or in part, for inclusion in a thesis or dissertation (provided that this is not to be published commercially). Therefore, the permission to include this paper in this dissertation is granted. Detailed information on the copyright policies of Elsevier can be found at the link: <https://www.elsevier.com/about/policies/copyright>. The published article can be found at: <https://www.sciencedirect.com/science/article/pii/S0020740317312596>.

Chapters 4 of this dissertation has not yet appeared in any journal, and therefore, no permissions are required.

Jun Zhong  
03/01/2020