Using Numerical Continuation Methods and Galerkin's Method for Finding and Tracing Periodic Solutions in Nonlinear Dynamic Systems

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Contents

1	Introduction	3
2	Finding Periodic Solutions, Galerkin's Method	4
3	Tracing Periodic Solutions, Predictor-Corrector Continuation	5

1 Introduction

2 Finding Periodic Solutions, Galerkin's Method

3 Tracing Periodic Solutions, Predictor-Corrector Continuation