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As a result, the stability of a dynamic interval system, which is determined by eigenvalues of its corresponding interval matrix, can be judged within a shorter time period. Furthermore, if the dynamic interval system is concluded to be stable, the output of our iterative algorithm also indicates the accurate maximal stability margin of this system.

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Essentials in Stability Analysis and Expiry Determination To improve the efficiency of analysis, response surface methodology (RSM) is used to replace the time-consuming FE simulations.

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Stability Analysis Of Dynamic Interval Systems Author: fcml.loveandliquor.co-2020-10-29T00:00:00+00:01 Subject: Stability Analysis Of Dynamic Interval Systems Keywords: stability, analysis, of, dynamic, interval, systems Created Date: 10/29/2020 11:52:37 AM

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In the interval dynamic stability analysis, the corresponding eigenvalue problem is the generalized interval eigenvalue problem with high order matrices. It has been numerically tested by the authors that the dynamic stability problem basically fails to meet the preconditions of the above exact methods. Page 8/26.

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