As it is important to improve the response of the nuclear reactor power system, many approaches tried to find the best way to design the suitable robust controller. This paper introduces the solution of $H_{\infty}$ control problem of the nuclear reactor systems as a robust controller that achieves both the robustness and performance improvement.

References

2. Ian R. Petersen, Valery A. Ugrinovski and Andrey V. Savkin, 2000, “Robust Control design using $H_{\infty}$ methods”.
Index Terms

Computer Science       Control Systems

Keywords

$H_\infty$, Robust control, nuclear reactor systems, robustness