

EXERCISE 8 IN INTRODUCTION TO REPRESENTATION THEORY

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- (1) (P) Show that $(S_{n+2}, S_n \times S_2)$ is a Gelfand pair.
- (2) (P) Show that (S_4, S_2) is not a Gelfand pair.

URL: <http://www.wisdom.weizmann.ac.il/~dimagur/RepTheo5.html>