

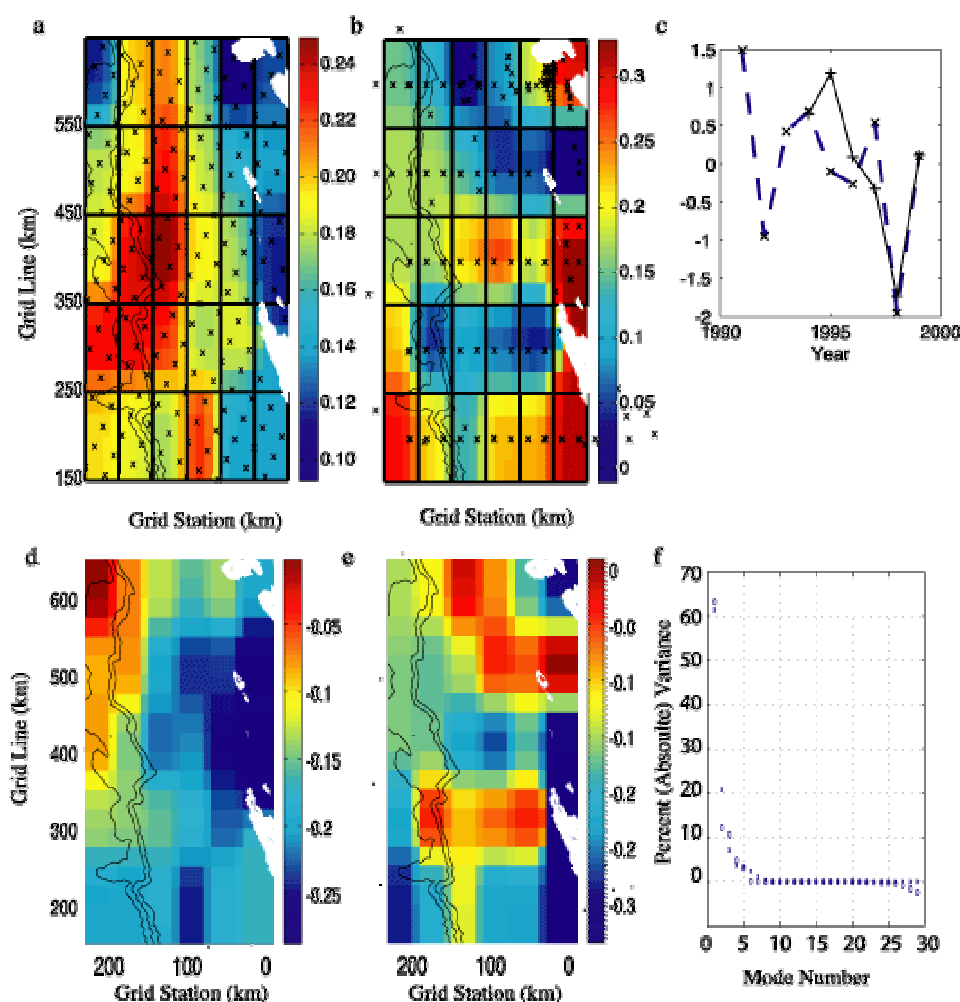


Fig. 2.17. a) First empirical orthogonal function of the ice index end50 which is the last day of the year when sea ice concentration is at least 50%. This mode describes 62% of the total variance. b) first EOF of log PP, describing 63% of the variance. c) first principal component (PC) of end50 (x); first PC of log PP lagged by one year, giving a correlation of 0.75 (+). NINO3 index; first PC of end50 from the canonical correlation analysis; first PC of the log PP. d) EOF 1 of end50 from the canonical correlation with the first four modes used in the optimal interpolation. e) EOF 1 of the log PP lagged by one year from the canonical correlation with end50. f) scree plots for the EOF's of end50 and log PP. Lines and maps as in Fig. 2.16.