

VALLEY NETWORKS ANOMALIES AND GEOLOGICAL STRUCTURES IN CONTINENTAL SHELF AND EMERGED AREA (SOUTH OF FRANCE)

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The bathymetric map (1/25 000) of the outer shelf near Marseilles (France) shows a karstified area (dolins and polje). Statistical anomalies in the distribution of thalweg lengths are correlated with anticline axes revealed by seismic surveying. The validity of this geomorphological method is also tested in continental area, 150 km to the north, where drilled anticline structures fit exactly with geomorphological anomalies.