

A method of loaded reserving of measuring devices of three-dimensional motion of transport vehicles consists in that the projections of vector on three mutually perpendicular directions are measured that coincide with the steering axes of transport vehicle, and measuring signals are logically processed. Simultaneously with measuring of projections of vector on the steering axle of transport vehicle are measured the projections of vector on four additional axes, then are calculated the projections of vector on additional axes by measuring of projections on the steering axes, defective sensors are identified by additional axes by comparison of measured and calculated projections on additional axes.