







(b) There are coords 4, ..., 4n - 'action coords' complementary to angle coords, r.t. 4, 's are integrals of motion and Querry en, 4, ..., Ha bern a Darboux chard Thus, dynamics of a st-syl is very simple and the system has an explicit solution in action-angle Gordinates. · : a neighorhood of a reg. value CER, f: M - R is a Lagrangian fibretion (i.e. is locally truck and fibers a lags interen folds ) a) =) ] cords l: on filers a chick flows of XE. are thear b) ->> 7 coord 4: - R rt. 54, F3 -0, {8:, 4;3-8: Note: P. -- P., f., --, f. is (guerelly) not a Darboux chart

