
Twist Mappings And Their Applications

twist mappings with non-periodic angles - ugr - twist mappings with non-periodic angles markus kunze¹ & rafael ortega² ¹ universitat duisburg-essen, fakultat fur mathematik, d-45117 essen, germany ² departamento de matematica aplicada, universidad de granada, e-18071 granada, spain contents 1 introduction 1 2 symplectic maps in the plane and in the cylinder 6 **kam theory for equilibrium states in 1-d statistical ...** - 1.1. models considered. in section 1.1.1, we discuss twist mappings of the annulus which is the best known and simplest model. for twist mappings, in the statistical mechanics language, the interactions are nearest neighbor and the variables at each site are one dimensional. in section 1.1.3, we discuss statistical mechanics models of spin chains **a note on a standard family of twist mappings - ime-usp** - a note on a standard family of twist mappings salvador addas-zanata* instituto de matematica e estatistica, universidade de sao paulo, rua do matao 1010, cidade universitaria, 05508-090 saopaulo, sp, brazil. e-mail: sazanata@imep we investigate the break up of the last invariant curve for analytic families of standard ... **monotone twist mapping and the calculus of variations** - monotone twist mappings 403 to understand the significance of the above interpolation theorem we note that the compositio