1053-37-45 **Hendrik W Broer*** (`h.w.broer@rug.nl`), University of Groningen, Benoulliborg, builing 5161, Nijenborgh 9, 9747 AG Groningen, Groningen, Netherlands. *On Multi-Periodic Dynamics, overview and some recent results.*

An overview of the Kolmogorov-Arnold-Moser Theory of multi- or quasi-periodic dynamics is given, both in and outside the world of conservative dynamics. Certain occurrences of multi-periodicity are revisited in a coherent way. Also two new aspects will be addressed, the theory of quasi-periodic bifurcations and the global KAM Theory for bundles of tori. The latter enables the definition of monodromy for nearly integrable Hamiltonian systems. (Received July 17, 2009)