

**GEODESIC FLOWS WITH POSITIVE TOPOLOGICAL  
ENTROPY, TWIST MAPS AND  
DOMINATED SPLITTINGS**

*GONZALO CONTRERAS*  
(CIMAT Guanajuato, México)

We prove a perturbation lemma for the derivative of geodesic flows in high dimension. This implies that a  $C^2$  generic Riemannian metric has a non-trivial hyperbolic basic set in its geodesic flow.