

FROM OPTIMAL CONTROL PROBLEMS TO FOLIATIONS, SOME KINDS OF MULTIFOLIATIONS AND RELATIONS TO GENERALISED JETS

(Daripada Masalah Kawalan Optimum kepada Foliiasi, Beberapa Jenis Multifoliiasi dan Hubungan dengan Jet Teritlak)

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ABSTRACT

Transversal foliations and jets modulo foliations are studied. It is shown that multifoliations provides a way for a more general description of (R, S, Q) -jets.

Keywords: Optimal control; regulation; foliation; multifoliation; transversality; jet; (R, S, Q) -jet

ABSTRAK

Foliiasi rentas lintang dan jet modulo foliasi dikaji. Ditunjukkan bahawa multifoliiasi membuka jalan untuk pemerihalan yang lebih umum bagi jet- (R, S, Q) .

Kata kunci: Kawalan optimum; regulasi; foliasi; multifoliiasi; kerentas-lintangan; jet; jet- (R, S, Q)

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