

Workshop on "Geometry of vector distributions,  
differential equations, and variational problems"

SISSA, Trieste, Italy, 13–15 December 2006

**Abstracts of the posters**

**Explicit formulas for biharmonic submanifolds  
in 3-dimensional Sasakian space forms**

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Explicit formulas for biharmonic Legendre curves and for biharmonic Hopf cylinders in 3-dimensional unit sphere endowed with a certain Sasakian structure are given. Parametric equations for biharmonic Hopf cylinders in Bianchi-Cartan-Vranceanu model spaces of a Sasakian space form are obtained.

2000 MSC: 53C42, 53B25.

Key words: Sasakian space form, Legendre curve, biharmonic curve, Hopf cylinders.

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