

Sample of an extended abstract

THE INVERSE PROBLEM IN MECHANICS AND FIELD THEORY

Peter Maticky¹, Martin Dubak²

¹DEPARTMENT OF MATHEMATICS, UNIVERSITY OF PREŠOV, 17. NOVEMBRA 1, 081 16 PREŠOV, SLOVAKIA

²DEPARTMENT OF PHYSICS, UNIVERSITY OF PREŠOV, KUPELNÁ 23, 081 16 PREŠOV, SLOVAKIA

E-mail address: maticky@mat.sk, dubak@ph.sk

ABSTRACT

Text of the abstract containing at least 200 words, including the aim and main results; equations are allowed.

REFERENCES

- [1] Henneaux, M., Teitelboim, C.: *Quantization of gauge systems*, Princeton University Press, Princeton, NJ, 1992.
- [2] McKiernan, M. A.: *Sufficiency of parameter invariance conditions in areal and higher order Kawaguchi spaces*, Publ. Math. Debrecen, 13 (1966), 77-85.

MSC2010: 58A20, 70S05

Key words: Inverse problem, field theory