The Indian Schema Analogy Principles

J.B.Paris[*]and A.Vencovská[†]

School of Mathematics

The University of Manchester

Manchester M13 9PL

jeff.paris@manchester.ac.uk

alena.vencovska@manchester.ac.uk

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Abstract

We investigate the status within Unary Pure Inductive Logic of a family of analogy principles suggested by the so called Indian Schema from Gotama's Nyāyasūtra showing that they all follow from the symmetry principle of Atom Exchangeability. Their status under the weaker assumptions of Constant and Predicate Exchangeability and Strong Negation are also investigated.

Key words: Indian Schema, Nyāyasūtra, Analogy, Pure Inductive Logic, Logical Probability, Rationality, Uncertain Reasoning.