

New Developments in Chinese Studies of Contemporary Inductive Logic

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Abstract

Contemporary Chinese studies in inductive logic have long revolved around the unfolding of a philosophical investigation into Hume's problem. Led by research in probabilistic logic, the principal content of contemporary Chinese logic consists of research into Pascalian and non-Pascalian probabilistic logic, precise and imprecise probabilistic logic, pure inductive logic and material inductive logic. A newly arisen trend in the development of Chinese inductive logic is represented by the research on causal inference, which came into vogue within the field of artificial intelligence (AI) in the last few years. Consequently, the future developmental tendency will probably gravitate towards the new paradigms that will emerge from the mutual contest and interactions between probabilistic logic and causal logic.

Keywords: inductive logic, Hume's problem, China, new developments

Nov razvoj v kitajskih raziskavah sodobne induktivne logike

Izvleček

Sodobne kitajske raziskave induktivne logike so dolgo potekale na področju pojasnjevanja filozofskih raziskav Humovega problema. Pod okriljem raziskav verjetnostne logike sestoji jedrna vsebina sodobne kitajske logike iz raziskav paskalovske in nepaskalovske verjetnostne logike, natančne in nenatančne verjetnostne logike, čiste induktivne logike ter materialne induktivne logike. Novonastalo smer v razvoju kitajske induktivne logike pa predstavljajo raziskave vzročnega sklepanja, ki so v zadnjih nekaj letih postale popularne na področju umetne inteligence (UI). Posledično se bodo prihodnji razvojni trendi verjetno nagibali proti novim paradigmam, ki bodo vzniknile iz medsebojnega tekmovanja ter interakcij med verjetnostno in vzročno logiko.

Ključne besede: induktivna logika, Humov problem, Kitajska, nov razvoj

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