GEIST research areas and expertise

1)

AI and Expert Systems

- artificial intelligence,
- knowledge-based intelligent systems
- knowledge engineering, knowledge representation, inference,
- rule-based systems, tabular rule-base systems,
- evaluation, verification and validation of intelligent systems,
- logic programming and prolog.

See GEIST projects: ai intelligent_systems rule-based_systems ke kr rules prolog hekate +project

See GEIST software: ai intelligent_systems rule-based_systems ke kr rules prolog hekate +software

Semantic Web Technologies

- the semantic web and internet technologies
- semantic knowledge wikis,

See GEIST projects: semantic semantic_web semantic_wikis +project

See GEIST software: semantic semantic_web semantic_wikis +software

Databases

- relational databases, and data warehouses
- geographical information systems (gis)

See GEIST projects: gis geospatial database +project

See GEIST software: gis geospatial database +software

Software Engineering

- software engineering methods

See GEIST projects: se design +project

See GEIST software: se design +software

Control and Automation

- intelligent control for mobile robots

- plan generation, planning systems, problem solving,
- automated diagnosis.

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See GEIST software: control robots planning diagnosis +software

Formal Methods

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See GEIST software: formal_methods +software

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