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SCIENCE AND ENGINEERING RESEARCH COUNCIL
RUTHERFORD APPLETON LABORATORY

COMPUTING DIVISION

DISTRIBUTED INTERACTIVE COMPUTING NOTE 852

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IKBS GRANTS PORTFOLIO

11 July 1983

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(see next page)

1. RESEARCH PROJECTS (RG2)

<u>Ref No</u>	<u>Investigators</u>	<u>Location</u>	<u>Title</u>	<u>Value</u>	<u>Start Date</u>	<u>Duration</u>
GR/C/33543	Baldwin, Mr J F Pilsworth, Dr B	Bristol Eng Maths	A Fuzzy Relational Inference Language for Knowledge Base Reasoning F.R.I.L	£ 71,978	03.01.83	24 mths
GR/B/83032	Aleksander Prof L Stonham Dr T J	Brunel Univ Elec Eng	Exploitation of the Wisard Stand-Alone Pattern Recognition System	£ 48,543	01.10.81	24 mths
GR/B/27159	Wheeler, Prof D J	Cambridge Comp Lab	Natural Language Query Processor for Data Base Access	£ 73,540	01.01.80	36 mths
GR/C/06226	Bundy, Dr A Muetzelfeld Dr R	Edinburgh AI	An Expert System for Ecological Modelling	£ 58,895	01.10.82	36 mths
GR/C/20826	Bundy, Dr A	Edinburgh AI	Computational Modelling of Mathematical Reasoning	£ 97,519	01.10.82	48 mths
GR/C/44730	Howe, Dr J A M	Edinburgh AI	Knowledge Based Interpretation of Sonar Data in a Three Dimensional Marine Environment	£ 57,095	01.10.83	36 mths
GR/C/35967	Howe, Dr J A M Bundy, Dr A	Edinburgh AI	Reasoning about the User in Intelligent Knowledge-Based Training and Aid Systems	£ 77,547	01.07.83	36 mths
GR/B/93086	Thompson, Dr H S	Edinburgh AI	Further Work on a Parsing and Testing Program for PSG	£ 21,625	01.03.82	24 mths
GR/C/17123	Bandler, Dr W Kohout, Dr L J Anderson, Dr J	Essex Univ	Clinical Computer Aids Based on Asymmetrical Products of Fuzzy Relations	£ 9,076	01.10.82	12 mths
GR/C/44938	Doran, Mr J E Wilks, Prof Y	Essex Univ Comp Science Language & Linguistics	Cooperation and Natural Language use in a Multi-Actor System	£ 55,900	01.06.83	36 mths

GR/C/53329	Turner, Dr R T Hurst, Mr G J	Essex Univ Computing	Situation Semantics and Natural Language Under- standing	£ 11,124	01.10.83	12 mths
GR/B/01517	Campbell, Prof J	Exeter Univ Comp Science	Automatic Programming Applied to Compression of Data Structures for Symbolic Computing Problems	£ 650	31.10.80	
GR/B/84466	Clark, Dr K L	ICST Computing	Logic for Expert Systems	£127,132	01.10.81	36 mths
GR/B/35871	Kowalski, Dr R A	ICST Computing	Logic as a Computer Language for Children	£ 97,413	01.09.80	36 mths
GR/C/06462	Kowalski, Dr R A Clark, Dr K L	ICST Computing	Logic Databases	£105,801	01.10.82	36 mths
GR/C/45720	Longstaff, Dr J J Worboys, Dr M F Deen, Dr S M	Leeds Univ Maths & Computing	Database Mechanisms for Computing	£ 31,180	01.07.83	36 mths
GR/B/54555	Torsun, Dr I S	Leeds Univ Comp Science	Application of Knowledge Engineering & Expert Systems to Program Synthesis	£ 25,804	01.01.83	24 mths
GR/C/47090	Lavington, Dr S H	Manchester Computer Sciences	An Information Machine Incorporating an Associating Triple Store	£ 32,400	01.10.83	12 mths
GR/C/46161	Mamdani, Dr E H Efstathiou, Dr H J Scharf, Dr E M	QMC Elec Eng	Installation and Testing of Self Organising Rule Based Fuzzy Controlers of Cement Mill	£ 9,950	01.07.83	12 mths
GR/C/35851	Mamdani, Dr E H Efstathiou, Dr H J	QMC Electrical & Electronic	Enhancing Expert Systems to include Fuzzy Reasoning	£ 6,300	01.01.83	36 mths
GR/B/94045	Maccallum, Dr K J	Strathclyde	An Expert System for Ship & Marine Engineering Design Technology	£ 58,945	01.07.82	36 mths

2. VISITING FELLOWSHIPS (SVF) INCOMING

GR/C/06356 Kowalski, Dr R A ICST Dr M H Van EMDEN £ 13,466 01.09.82 12 mths
Computing

3. EXPIRED GRANTS

GR/B/60712 Torsun, Dr I S Leeds Univ Application of Knowledge £ 50,756 01.01.81
Comp Science Engineering & Expert System
to Program Synthesis