

Emperor's New Mind (Penrose, 1989)6 OPERATIONALIST : IMITATION

• TURING TEST

9 • L STANDARD - CONSCIOUS PRESENCE

11 • TURING TESTS: DEPENDENT ON EXPECTATIONS

17 STRONG A.I. - HUMAN V. MACHINE = COMPLEXITY

19 • SCARLE: ALGORITHM ≠ UNDERSTANDING

21 • ALGORITHM = ALL

• = DUALISM : MIND ≠ MATTER

• PLATONIC REALITY

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* > ALGORITHM ≠ KNOW 'O INSTRUCTION - FOLLOWING

• PROBLEM OF TRUTH-JUDGING

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108 Gödel: truth despite formal UN-PROVABILITY

110 • REFLECTION PRINCIPLE

* > - INTUITION/ SELF-EVIDENT UNDERSTANDING = ALWAYS NECESSARY

112 - ALL FORMALIST SYSTEMS ≠ COMPLETE

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• DETERMINISM + \emptyset : FREE WILL = PROBLEMATIC

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183 NEWTON: LIMITATIONS TO SMALL NUMBER OF COHERENT BODIES

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