Hilbert's formalization: 1920'5 @ Every (nath) proposition is written in famal language. 10 The spotan is complete: every prop can be proven to be T or F. (3) The system is unsistant: any prop can not be proved to be T and F. @ completeness & consistence should be propod using "finitary" nethod First order predicate calculus Oprincia a Methonetica, -> Induction principle.