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taken, therefore, as an  
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criticism may turn  
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**Proofs and Refutations edited by Imre Lakatos**

**Introductory Proofs and Refutations (Translations) Directions: First appraise intuitively. translate into logic (using the letters given) and say. whether valid (and give a proof) or invalid (and give a refutation) using the Gensler-style method. 1.**

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**examples, theorems, and proofs to meet human needs through heuristics. We assume, incorrectly that mathematics are solid continents of rules and facts, but what we observe are loosely connected archipelagos of calibrated and stable forms where those islands are in constant risk of being retaken by the sea.**

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**embrace already in his  
aforementioned introduction,  
suggesting that the history of  
mathematics can be  
described entirely in terms of  
the opposing poles of  
dogmatism and skepticism (in  
the ...**

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Discovery is a 1976 book by  
philosopher Imre Lakatos  
expounding his view of the  
progress of mathematics. The  
book is written as a series of  
Socratic dialogues involving a  
group of students who debate  
the proof of the Euler  
characteristic defined for the**

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