

## Personnage du jour



(Dana Angluin (194x? - ))  
Nombreuses contributions en  
informatique fondamentale  
(dont l'algorithme  $L^*$ )

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## Inventaire des techniques de preuves :

### **Proof by example :**

The author gives only the case  $n=2$  and suggests that it contains most of the ideas of the general proof.

### **Proof by intimidation :**

'Trivial.'

### **Proof by vigorous handwaving :**

Works well in a classroom or seminar setting.

### **Proof by cumbersome notation :**

Best done with access to at least four alphabets and special symbols.

### **Proof by exhaustion :**

An issue or two of a journal devoted to your proof is useful.

### **Proof by omission :**

'The reader may easily supply the details.'

'The other 253 cases are analogous.'

### **Proof by obfuscation :**

A long plotless sequence of true and/or meaningless syntactically related statements.

### **Proof by funding :**

How could three different government agencies be wrong?

### **Proof by eminent authority :**

'I saw Karp in the elevator and he said it was probably NP-complete.'

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<https://users.cs.northwestern.edu/~riesbeck/proofs.html>