

A New Approach To The Teaching of Modern Algorithms

SIGSHWNTel 2018

Introduction

- Agent-based modelling ☑
- Parallel computation ☑
- Scheduling algorithms ☑

Claim

- Revolutionary breakthrough in diactic technique

Proof

Agents = { Counter, Fizzer, Buzzer }

(live demo)

Corollary

- This diactic approach applied to the same class of algorithms

Corollary 1.1 Sleepsort

- $O(1)$ Sleepsort proof
(live demo)

Q.E.D.

