

CLEF 2020 Thessaloniki

# ARQUATION

#### Answer Retrieval for Questions on Math https://www.cs.rit.edu/~dprl/ARQMath



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#### Advance techniques for math-aware search and semantic analysis of mathematical notation and text

### – Collection –

Math Stack Exchange community QA forum (~1.1 million questions)

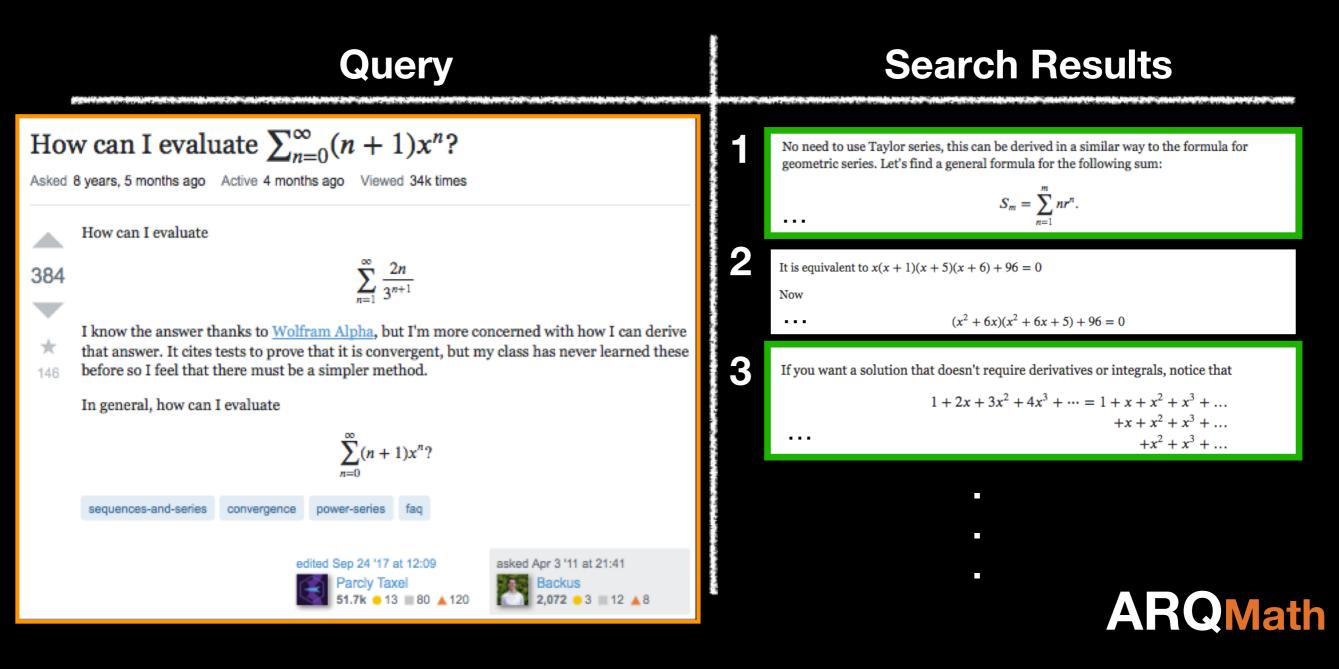
Formulas represented using:

- appearance encoding (LaTeX, Presentation MathML)
- semantic encoding (Content MathML)



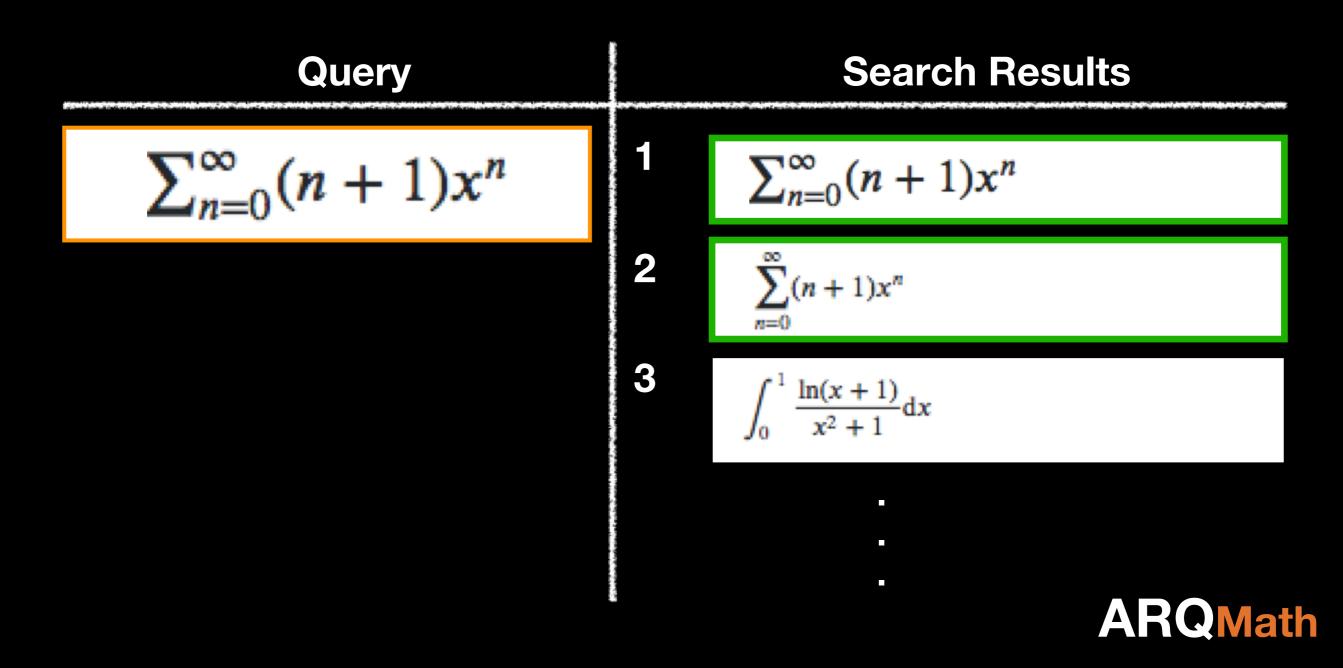
#### Task 1: Find Answers to Math Questions

Given a posted question as a query Search previous answer posts Return relevant answers



#### Task 2: Formula Search

Given a formula query from a question Search formulas extracted from question and answer posts Return relevant formulas





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#### Please join us! Feedback welcome! Send Email to: **rxzvcs@rit.edu**

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