

The Wholesale Combinatorialist

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Mathematics, although a science, comes with personality, and each personality has a different character and style. In this talk, we discuss the retail versus wholesale style of mathematics. Retail mathematicians like tricky, beautiful solutions which work for specific problems, while wholesale mathematicians apply an algorithm that might be heavy to implement at the beginning but can accomplish much more later on. We will use examples from *pattern-avoiding in permutations* to demonstrate these two styles.