Plato vs Aristotle

The two great philosophers of antiquity are both mathematical realists, but otherwise had different outlooks. Plato took mathematics to be transcendental while Aristotle believed that mathematics is part of the natural world. I will compare the views of the leading contemporary platonist, Kurt Gödel, and the Aristotelian, James Franklin, author of the recent book, An Aristotelian Realist Philosophy of Mathematics. A number of topics will be discussed, from the nature of intuition to the pure-applied distinction.

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