▶ GARETH JONES, *Model completeness and o-minimality*.
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Establishing model completeness is one of the main methods for showing that an expansion of the real field is o-minimal. There are also results in the other direction, showing that certain o-minimal structures are model complete (in a reasonable language). Previous results of this type only applied to restricted functions. I shall discuss a result which applies to unrestricted functions, provided that the structure is polynomially bounded. I shall also give examples and applications.