Rectangular Integrals

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Rectangular Integrals

- There is an entire class of integrals with rectangular boundaries
- There is a whole class of functions that can be decomposed into
  - $f(x, y) = g(x)h(y)$
- These integrals can be written as
  - $\iint_R f(x, y)dxdy = (\int_a^b dxg(x))(\int_c^d dyh(y))$