

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910816786803321 |
| Autore | Geveci Tunc |
| Titolo | Advanced calculus : using multiple integrals // Tunc Geveci |
| Pubbl/distr/stampa | New York, [New York] (222 East 46th Street, New York, NY 10017) : , : Momentum Press, , 2016 |
| ISBN | 1-60650-880-6 |
| Descrizione fisica | 1 online resource (69 pages) : illustrations |
| Disciplina | 515 |
| Soggetti | Calculus Multiple integrals Libros electronicos. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Co-published with Cognella Academic Publishing. Includes index. |
| Nota di contenuto | 1. Using double integrals over rectangles -- 2. Using double integrals over non-rectangular regions -- 3. Using double integrals in polar coordinates -- 4. Physical applications of double integrals -- Density and mass -- Moments and center of mass -- Probability -- 5. Understanding triple integrals -- 6. Using triple integrals in three dimensional polar coordinate systems -- Cylindrical coordinates -- Triple integrals in cylindrical coordinates -- Spherical coordinates -- Triple integrals in spherical coordinates -- 7. Understanding a change of variables in multiple integrals -- A plausibility argument for the theorem -- Index. |