1067-33-1720   **Armin Straub*** (`astraub@tulane.edu`), 7532 Hampson St, New Orleans, LA 70118. *On the method of brackets.*

The method of brackets is a set of partially heuristic rules to evaluate definite integrals which has its origin in the negative dimensional integration method used in the context of integrals arising from Feynman diagrams. It was introduced by Ivan Gonzalez and Victor Moll. We describe the method, which may also be viewed as a multi-dimensional extension of Ramanujan's master theorem, and illustrate it with several examples. (Received September 21, 2010)