

Download Barton Zwiebach String Theory Solutions

String theory is one of the most exciting and challenging areas of modern theoretical physics. This book guides the reader from the basics of string theory to recent developments. My interest in String theory arose 3 years ago reading Smolin's book "Three Roads to Quantum Gravity". I knew I couldn't understand the math of String Theory so instead I spent two years preparing by learning Quantum Field Theory and Differential Geometry - then Zwiebach's book came out. In physics, string theory is a theoretical framework in which the point-like particles of particle physics are replaced by one-dimensional objects called strings. In algebraic geometry and theoretical physics, mirror symmetry is a relationship between geometric objects called Calabi–Yau manifolds. The term refers to a situation where two Calabi–Yau manifolds look very different geometrically but are nevertheless equivalent when employed as extra dimensions of string theory.