

monte carlo method for finding the solution of dirichlet ... - monte carlo method for finding the solution of dirichlet partial differential equations behrouz fathi vajargah department of mathematics guilan university, rasht, iran fathi@guilan.kianoush.fathi.vajargah ... in this paper, we present the new accurate monte carlo solution which is. **comparative study of bisection, newton-raphson and secant ...** - comparative study of bisection, newton-raphson and secant methods of root-finding problems international organization of scientific research 3 | page iii. newton-raphson method the newton-raphson method finds the slope (tangent line) of the function at the current point and uses the zero of the tangent line as the next reference point. **improving the accuracy of support-set finding method for ...** - improving the accuracy of support-set finding method for power estimation of ... they are not accurate enough to be ... in section 3 a new support-set finding method is proposed. we show the **new method of finding planets scores its first discovery** - new method of finding planets scores its first discovery 13 may 2013 "einstein's planet," formally known as kepler-76b, is a "hot jupiter" that orbits its star every 1.5 days. **a reliable 3d laser triangulation-based scanner with a new ...** - a reliable 3d laser triangulation-based scanner with a new simple but accurate procedure for finding scanner parameters ali peiravi¹, behrai taabbodi² ... being a non-contact method, possessing a simple structure, having high precision and fast measurement **a simplified method for finding the pka of an acid-base ...** - a simplified method for finding the pka of an acid-base ... important concept of equilibrium. to illustrate one aspect of equilibrium, a new laboratory experiment on the measurement of an equilibrium constant was desired. ideally, the experiment would 1. result in a reasonably accurate value of the equilibrium constant, 2. use a small ... **a new method for obtaining highly accurate approximations ...** - a new method for obtaining highly accurate approximations to the arctan function by ... it is the purpose of this note to introduce a new approach for finding highly accurate approximations for $\arctan(1/a)$ valid for the entire range