# The collected mathematical papers of Arthur Cayley.Vol.



Filesize: 8.49 MB

## Reviews

I actually started out reading this article publication. It is loaded with knowledge and wisdom Your way of life span is going to be transform as soon as you total reading this article pdf. (Mrs. Felicia Windler)

### THE COLLECTED MATHEMATICAL PAPERS OF ARTHUR CAYLEY. VOL. 9

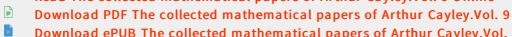


To read The collected mathematical papers of Arthur Cayley. Vol. 9 PDF, please click the hyperlink listed below and save the document or have access to additional information that are relevant to THE COLLECTED MATHEMATICAL PAPERS OF ARTHUR CAYLEY.VOL. 9 book.

University of Michigan Library. Hardcover. Book Condition: New. Hardcover. 648 pages. Dimensions: 9.0in. x 6.0in. x 1.6in.From the Proceedings of theL ondon Mathematical Society, vol. v. (1873 1874), pp. 14 25. Read December 11, 1S73. I HAVE constructed a model and drawings of the symmetrical form of Steiner sS urface, viz. that wherein the four singular tangent planes form a regular tetrahedron, and consequently the three nodal lines (being the lines joining the mid-points of opposite edges) a system of rectangular axes at the centre of the tetrahedron. Before going into the analytical theory, I describe as follows the general form of the surface: take the tetrahedron, and inscribe in each face a circle (there will be, of course, two circles touching at the mid-point of each edge of the tetrahedron; each circle will contain, on its circumference at angular distances of 120, three mid-points, and the lines joining these with the centre of the tetrahedron, produced beyond the centre, meet the opposite edges, and are in fact the before-mentioned lines joining the midpoints of opposite edges). Now truncate the tetrahedron by planes parallel to the faces so as to reduce the altitudes each to thi-ee-fourths of the original value, and from the centre of each new face round oif symmetrically up to the adjacent three circles; and within each circle scoop down to the centre of the tetrahedron, the bounding surface of the excavation passing through the three right lines, and the sections (by planes parallel to the face) being in the neighbourhood of the face nearly circular, but as they approach the centre, assuming a trigonoidal form, and being close to the centre an indefinitely small equilateral triangle. We have thus the surface, consisting of four lobes united only by the lines through the mid-points of opposite...



Read The collected mathematical papers of Arthur Cayley. Vol. 9 Online





### **Related Kindle Books**



### [PDF] The Collected Short Stories of W. Somerset Maugham, Vol. 1

Click the web link below to read "The Collected Short Stories of W. Somerset Maugham, Vol. 1" PDF file.

Download eBook »



#### [PDF] Read Write Inc. Phonics: Blue Set 6 Non-Fiction 1 Save the Whale

Click the web link below to read "Read Write Inc. Phonics: Blue Set 6 Non-Fiction 1 Save the Whale" PDF file.

Download eBook »



[PDF] Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities

Click the web link below to read "Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities" PDF file.

Download eBook »



[PDF] Read Write Inc. Phonics: Yellow Set 5 Storybook 7 Do We Have to Keep it? Click the web link below to read "Read Write Inc. Phonics: Yellow Set 5 Storybook 7 Do We Have to Keep it?" PDF file.

Download eBook »



[PDF] Born Fearless: From Kids' Home to SAS to Pirate Hunter - My Life as a Shadow Warrior

Click the web link below to read "Born Fearless: From Kids' Home to SAS to Pirate Hunter - My Life as a Shadow Warrior" PDF file.

Download eBook »



[PDF] Some of My Best Friends Are Books : Guiding Gifted Readers from Preschool to High School

Click the web link below to read "Some of My Best Friends Are Books: Guiding Gifted Readers from Preschool to High School" PDF file.

Download eBook »



[PDF] Everything Ser The Everything Green Baby Book From Pregnancy to Babys First Year An Easy and Affordable Guide to Help Moms Care for Their Baby And for the Earth by Jenn Savedge 2009 Paperback

Click the link beneath to read "Everything Ser The Everything Green Baby Book From Pregnancy to Babys First Year An Easy and Affordable Guide to Help Moms Care for Their Baby And for the Earth by Jenn Savedge 2009 Paperback" document.

Download PDF »



## [PDF] Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep

Click the link beneath to read "Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep" document.

Download PDF »



## [PDF] On Becoming Baby Wise, Book Two: Parenting Your Five to Twelve-Month Old Through the Babyhood Transition

Click the link beneath to read "On Becoming Baby Wise, Book Two: Parenting Your Five to Twelve-Month Old Through the Babyhood Transition" document.

Download PDF »



## [PDF] My Life as an Experiment: One Man's Humble Quest to Improve Himself by Living as a Woman, Becoming George Washington, Telling No Lies, and Other Radical Tests

Click the link beneath to read "My Life as an Experiment: One Man's Humble Quest to Improve Himself by Living as a Woman, Becoming George Washington, Telling No Lies, and Other Radical Tests" document.

Download PDF »



[PDF] Growing Up: From Baby to Adult High Beginning Book with Online Access Click the link beneath to read "Growing Up: From Baby to Adult High Beginning Book with Online Access" document.

Download PDF »



## [PDF] Baby Must Haves The Essential Guide to Everything from Cribs to Bibs 2007 Paperback

Click the link beneath to read "Baby Must Haves The Essential Guide to Everything from Cribs to Bibs 2007 Paperback" document.

Download PDF »