Integral Calculations on numerical data using a Mathematical Transform Equation. Brette Delahoussaye, Mathematics Teacher, LAUSD.\textsuperscript{1} BRETTE DE LA HOUSSAYE\textsuperscript{2}, APS, IEEE, Smithsonian Institution, National Society of Black Physicists NSBP — A Mathematical Transform Equation can be used with regression modeling of data to determine integral calculations. The Transform equation is: The area under the curve for any integrand variable as it would vary in terms of some differential variable exactly equals the time integral of the product of the integrand and first derivative of the differential. Other domains besides that of time, are applicable as well.

\textsuperscript{1}Integral Calculations on numerical data using a Mathematical Transform Equation. \textsuperscript{2}Mathematics Teacher in Los Angeles Unified School District Crenshaw High School (Geometry, AP Calculus).