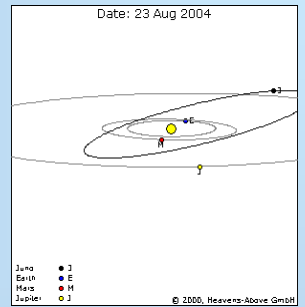
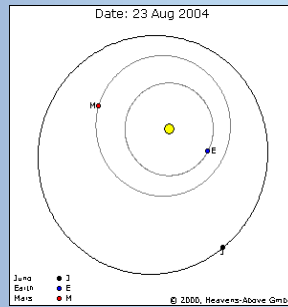


Fast Fourier Transform

Treatise by Gauss in 1805



Discovered 1 September 1804 by Karl L. Harding

Gauss, C.F., "Nachlass – Teoria interpolationis methodo nova tractata", 265-303, in *Carl Friedrich Gauss, Werke, Band 3*, Gottingen, Konglichen Gesellschaft der Wissenschafteln, 1866.

Prehistory of FFT



Gauss, C.F. 1805	Any composite integer	
Carlini, F. 1828	12	
Smith, A. 1846	4,8,16,32	
Everett, J.D. 1860	12	
Runge, C. 1903	$2^n k$	
Stumpff, K. 1939	$2^n k, 3^n k$	
Danielson, G.C. 1942	2^n	
Lanczos, C. 1942		
Thomas, L.H. 1948	Any integer with relatively prime factors	
Good, I.J. 1958	Any integer with relatively prime factors	

