

Cover Art Legend

Some equations related to spacecraft attitude estimation. References for the equations refer to the index numbers of articles in this collection.

Map

	aaa	
bbb		ccc
ddd	ddd	ddd
eee		fff
ggg	hhh	hhh
iii		jjj
kkk		lll
mmm		nnn
	ooo	
ppp		qqq
rrr		sss
	ttt	
uuu		vvv

Key

aaa	Euler's formula (1993b)
bbb	Black's (TRIAD) algorithm (1981a)
ccc	Wahba's problem (1981a)
ddd	Davenport's q-method (1981a)
eee	Optimal weights for Wahba's problem (1981a)
fff	QUEST measurement model (1981a)
ggg	Statistical model for maximum Davenport overlap eigenvalue (and TASTE) (2005f)
hhh	Markley's SVD attitude estimation algorithm (cited in 2001c)
iii	Information matrix for the QUEST measurement model (1981a)
jjj	Extended Kalman filter for attitude (1982c)
kkk	Unit-vector filter (2001c)
lll	General formula for the uniform PDF of a three-parameter attitude representation (2003i)
mmm	Attitude profile matrix from estimated direction-cosine matrix (1989b)
nnn	Davenport's K-matrix from estimated quaternion (4006x)
ooo	Effective measurement for misalignments (1991c)
ppp	Filter QUEST propagation (1989c)
qqq	TWOSTEP centered cost function (2002a)
rrr	Filter QUEST update (1989c)
sss	TWOSTEP center-correction cost function (2002a)
ttt	Relationship of Davenport angles to Euler angles (2003d)
uuu	The Equivalent Vector Method (5006y)
vvv	Representation of the temporal derivative with respect to a rotating reference frame (in preparation)