















Author	Institution/	Year	Objective	Data	Method.	Function
D. Taylor	Country US Navy	1915	Creation and systematic variation	Hull Parameters	Function of draught	Polinom.
Weiblum	Univ. Berlin	1934	Systematic variation	Hull Parameters		Polinom.
Benson	UK	1940	Creation of Lines	Hull Parameters		Polinom.
Lackenby	BSRA UK	1950	Systematic variation	Parent Hull	Affine Transform.	
Thieme	Univ. Hamburg	1952	Creation of Lines	Hull Parameters		Polinom.
Taggart	US	1955	Creation of Lines	Hull Parameters		Polinom.

Hull Form Representation Methods (2)						
Author	Institution / Country	Year	Objective	Data	Method.	Function
Theilheimer & Starkwheather	US Navy	1957	Interpolation and Fairing	Offsets	Function of draught	Discont. cubics
Rosing & Berghuis	Holland	1959	Fairing	Offsets	Function of draught	
Rosing & Berghuis	Holland	1959	Fairing	Offsets	Function of draught	
Pien	US Navy	1960	Approxim.	Offsets	Sections Method	Polinom.
Kerwin	MIT US	1960	Rough Approxim.	Offsets	Sections Method	Polinom. Legendre
Martin	NPL UK	1961	Rough Approxim.	Offsets of the Area Curve		Polinom. Chebysh.

Author	Institution/	Year	Objective	Data	Method.	Function
Tutilot	Country	1 cui	objective	Dutu		1 unction
Lidbro	Sweden	1961	Interpolation	Offsets	Surface Fitting	
	Bergen Norway	1961	Fairing	Offsets	Function of draught	Polynomials
F. Taylor	UK	1962	Interpolation	Waterline offsets		Chebyshev Polynomials
Miller & Kuo	Univ. Glasgow	1963	Interpolation	Offsets	Function of draught	Polynomials
Berger & Webster	Todd Shipyard US	1963 1966	Fairing	Offsets	Surface Fitting	Discont. Cubics
Williams	SSET Sweden	1964	Creation of Lines	Hull Parameters	Function of draught	Polynomials

Hull Form Representation Methods (4)						
Author	Institution/ Country	Year	Objective	Data	Method.	Function
Hamilton & Weiss	MIT US	1964	Creation of Lines	Hull Parameters	Surface Fitting	Surface cubic
Bakker	NSMB Holland	1965	Fairing	Offsets	Sections Method	
Gospodnetie	NRC Canada	1965	Interpolation	Offsets	Sections Method	Integrals Elliptical
Corin	US Navy	1966	Fairing	Offsets	Sections Method	Discont. Cubics
Tuck & V. Kerkzek	US Navy	1968	Fairing	Offsets	Sections Method	Conform. mapping
Söding	Germany	1966	Creation of Lines	Offsets	Sections Method	Discont. polynom.
Kantorowitz	DSRI Denmark	1967	Interpolation	Offsets	Surface Fitting	Orthog. polygon.

	Hull	Forn	n Represen	tation Me	thods (5	5)
Author	Institution/ Country	Year	Objective	Data	Method.	Function
Kaiser et al.	Germany	1968	Interpolation	Offsets	Surface Fitting	Surface polynom.
Kaiser et al.	Germany	1968	Interpolation	Offsets	Surface Fitting	Surface and polynom.
AUTOKON	Norway		Fairing	Offsets	Sections Method	Spline polynom.
Hoshino, Kimura, Igarashi	Mitsubishi Japan	1966	Fairing	Offsets	Sections Method	Discont. Cubics
Breitung	TU Berlin Germany	1969	Fairing	Offsets	Method Surfaces	Discont. Cubics
Kwik	Univ. Hamburg Germany	1969	Creation of Lines	Hull Parameters	Sections Method	Polynom.

Author	Institution/ Country	Year	Objective	Data	Method.	Function
Buczkowski	Poland	1969	Fairing and Creation of Lines	Offsets, parameters	Method Surfaces	
VIKING	Sweden		Interpolation	Offsets	Surface Fitting	Splines and conics
Kuiper	NSMB Holland	1970	Creation of Lines	Hull Parameters	Function of draught	Polynom.























































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M.V	'entura	Hull Form Geometric Modelling	42







































































































	Ma	xSurf / Pre	eFit (3)	
 Creates s represent Method o The file f Bow c Trans Stern 	ingle surface fr ted by polylines f approximation format is the fo ontour verse sections contour	rom a file of cross , designated by <n n of curves based llowing:</n 	s sections and Aarkers> in genetic algo	contours, prithms
	Station	Longitudinal	Offset	Height
Bow				
Sections				
Stern				
M.Ventura	Hull F	orm Geometric Modell	ina	ç





















