

Symbol	Typ	Titel
G	Sektion	PHYSICS
G06	Klasse	COMPUTING; CALCULATING; COUNTING
G06G	Unterkategorie	ANALOGUE COMPUTERS (analogue optical computing devices G06E 3/00; computer systems based on specific computational models G06N)
G06G 1/00	Hauptgruppe	Hand-manipulated computing devices (planimeters G01B 5/26) [1, 2006.01]
G06G 1/02	1-Punkt Untergruppe	. Devices in which computing is effected by adding, subtracting, or comparing lengths of parallel or concentric graduated scales [1, 2006.01]
G06G 1/04	2-Punkt Untergruppe	... characterised by construction (G06G 1/10 takes precedence) [1, 2006.01]
G06G 1/06	3-Punkt Untergruppe	... with rectilinear scales, e.g. slide rule [1, 2006.01]
G06G 1/08	3-Punkt Untergruppe	... with circular or helical scales [1, 2006.01]
G06G 1/10	2-Punkt Untergruppe	... characterised by the graduation [1, 2006.01]
G06G 1/12	3-Punkt Untergruppe	... logarithmic graduations, e.g. for multiplication [1, 2006.01]
G06G 1/14	1-Punkt Untergruppe	. in which a straight or curved line has to be drawn from given points on one or more input scales to one or more points on a result scale [1, 2006.01]
G06G 1/16	1-Punkt Untergruppe	. in which a straight or curved line has to be drawn through related points on one or more families of curves [1, 2006.01]
G06G 3/00	Hauptgruppe	Devices in which the computing operation is performed mechanically (G06G 1/00 takes precedence) [1, 2006.01]
G06G 3/02	1-Punkt Untergruppe	. for performing additions or subtractions, e.g. differential gearing [1, 2006.01]
G06G 3/04	1-Punkt Untergruppe	. for performing multiplications or divisions, e.g. variable-ratio gearing [1, 2006.01]
G06G 3/06	1-Punkt Untergruppe	. for evaluating functions by using cams and cam followers [1, 2006.01]
G06G 3/08	1-Punkt Untergruppe	. for integrating or differentiating, e.g. by wheel and disc [1, 2006.01]
G06G 3/10	1-Punkt Untergruppe	. for simulating specific processes, systems, or devices [1, 2006.01]
G06G 5/00	Hauptgruppe	Devices in which the computing operation is performed by means of fluid-pressure elements (such elements in general F15C) [1, 2006.01]
G06G 7/00	Hauptgruppe	Devices in which the computing operation is performed by varying electric or magnetic quantities (neural networks for image data processing G06T; speech analysis or synthesis G10L) [1, 2006.01]
G06G 7/02	1-Punkt Untergruppe	. Details not covered by groups G06G 7/04-G06G 7/10 [1, 2006.01]
G06G 7/04	1-Punkt Untergruppe	. Input or output devices (graph readers G06K 11/00; using function plotters, co-ordinate plotters G06K 15/22) [1, 2006.01]
G06G 7/06	1-Punkt Untergruppe	. Programming arrangements, e.g. plugboard for interconnecting functional units of the computer; Digital programming [1, 2006.01]
G06G 7/10	1-Punkt Untergruppe	. Power supply arrangements [1, 2006.01]
G06G 7/12	1-Punkt Untergruppe	. Arrangements for performing computing operations, e.g. amplifiers specially adapted therefor (amplifiers in general H03F) [1, 2006.01]
G06G 7/122	2-Punkt Untergruppe	... for optimisation, e.g. least square fitting, linear programming, critical path analysis, gradient method [2, 2006.01]
G06G 7/14	2-Punkt Untergruppe	... for addition or subtraction (of vector quantities G06G 7/22) [1, 2006.01]

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G06G 7/16	2-Punkt Untergruppe	... for multiplication or division [1, 2006.01]
G06G 7/161	3-Punkt Untergruppe	... with pulse modulation, e.g. modulation of amplitude, width, frequency, phase, or form [2, 2006.01]
G06G 7/162	3-Punkt Untergruppe	... using galvano-magnetic effects, e.g. Hall effect; using similar magnetic effects [2, 2006.01]
G06G 7/163	3-Punkt Untergruppe	... using a variable impedance controlled by one of the input signals, variable amplification or transfer function [2, 2006.01]
G06G 7/164	3-Punkt Untergruppe	... using means for evaluating powers, e.g. quarter square multiplier (evaluating powers G06G 7/20) [3, 2006.01]
G06G 7/18	2-Punkt Untergruppe	... for integration or differentiation (G06G 7/19 takes precedence) [1, 3, 2006.01]
G06G 7/182	3-Punkt Untergruppe	... using magnetic elements [3, 2006.01]
G06G 7/184	3-Punkt Untergruppe	... using capacitive elements [3, 2006.01]
G06G 7/186	4-Punkt Untergruppe using an operational amplifier comprising a capacitor or a resistor in the feedback loop [3, 2006.01]
G06G 7/188	3-Punkt Untergruppe	... using electromechanical elements [3, 2006.01]
G06G 7/19	2-Punkt Untergruppe	... for forming integrals of products, e.g. Fourier integrals, Laplace integrals, correlation integrals; for analysis or synthesis of functions using orthogonal functions (Fourier or spectrum analysis G01R 23/16) [1, 3, 2006.01]
G06G 7/195	3-Punkt Untergruppe	... using electro-acoustic elements [3, 2006.01]
G06G 7/20	2-Punkt Untergruppe	... for evaluating powers, roots, polynomials, mean square values, standard deviation (G06G 7/122, G06G 7/28 take precedence; gamma correction in television systems H04N 5/202, H04N 9/69) [1, 3, 2006.01]
G06G 7/22	2-Punkt Untergruppe	... for evaluating trigonometric functions; for conversion of co-ordinates; for computations involving vector quantities (trigonometric computations using simultaneous equations G06G 7/34) [1, 2006.01]
G06G 7/24	2-Punkt Untergruppe	... for evaluating logarithmic or exponential functions, e.g. hyperbolic functions [1, 2006.01]
G06G 7/25	2-Punkt Untergruppe	... for discontinuous functions, e.g. backlash, dead zone, limiting, absolute value, or peak value [2, 2006.01]
G06G 7/26	2-Punkt Untergruppe	... Arbitrary function generators (using orthogonal functions, e.g. Fourier series, G06G 7/19; using curve follower G06K 11/02) [1, 2006.01]
G06G 7/28	3-Punkt Untergruppe	... for synthesising functions by piecewise approximation [1, 2006.01]
G06G 7/30	2-Punkt Untergruppe	... for interpolation or extrapolation (G06G 7/122 takes precedence) [1, 2, 2006.01]
G06G 7/32	2-Punkt Untergruppe	... for solving of equations [1, 2006.01]
G06G 7/34	3-Punkt Untergruppe	... of simultaneous equations (G06G 7/122 takes precedence) [1, 2, 2006.01]
G06G 7/36	3-Punkt Untergruppe	... of single equations of quadratic or higher degree (G06G 7/22, G06G 7/24 take precedence) [1, 2006.01]
G06G 7/38	3-Punkt Untergruppe	... of differential or integral equations [1, 2006.01]
G06G 7/40	4-Punkt Untergruppe of partial differential equations (simulating specific devices G06G 7/48) [1, 2006.01]
G06G 7/42	5-Punkt Untergruppe using electrolytic tank [1, 2006.01]
G06G 7/44	5-Punkt Untergruppe using continuous medium, current-sensitive paper [1, 2006.01]
G06G 7/46	5-Punkt Untergruppe using discontinuous medium, e.g. resistance network [1, 2006.01]
G06G 7/48	1-Punkt Untergruppe	. Analogue computers for specific processes, systems, or devices, e.g. simulators [1, 2, 2006.01]

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G06G 7/50	2-Punkt Untergruppe	... for distribution networks, e.g. for fluids (G06G 7/62 takes precedence) [1, 2006.01]
G06G 7/52	2-Punkt Untergruppe	... for economic systems; for statistics (G06G 7/122, G06G 7/19, G06G 7/20 take precedence) [1, 3, 2006.01]
G06G 7/54	2-Punkt Untergruppe	... for nuclear physics, e.g. nuclear reactors, radioactive fallout [1, 2006.01]
G06G 7/56	2-Punkt Untergruppe	... for heat flow (G06G 7/58 takes precedence) [1, 2006.01]
G06G 7/57	2-Punkt Untergruppe	... for fluid flow (G06G 7/50 takes precedence) [1, 2006.01]
G06G 7/58	2-Punkt Untergruppe	... for chemical processes (G06G 7/75 takes precedence) [1, 2006.01]
G06G 7/60	2-Punkt Untergruppe	... for living beings, e.g. their nervous systems [1, 2006.01]
G06G 7/62	2-Punkt Untergruppe	... for electric systems or apparatus [1, 2006.01]
G06G 7/625	3-Punkt Untergruppe	... for impedance networks, e.g. determining response, determining poles or zeros, determining the Nyquist diagram (measuring impedance G01R 27/00) [2, 2006.01]
G06G 7/63	3-Punkt Untergruppe	... for power apparatus, e.g. motors, or supply distribution networks [2, 2006.01]
G06G 7/635	4-Punkt Untergruppe for determining the most economical distribution in power systems [2, 2006.01]
G06G 7/64	2-Punkt Untergruppe	... for non-electric machines, e.g. turbine [1, 2006.01]
G06G 7/66	2-Punkt Untergruppe	... for control systems [1, 2006.01]
G06G 7/68	2-Punkt Untergruppe	... for civil-engineering structures, e.g. beam, strut, girder [1, 2006.01]
G06G 7/70	2-Punkt Untergruppe	... for vehicles, e.g. to determine permissible loading of ships [1, 2006.01]
G06G 7/72	3-Punkt Untergruppe	... Flight simulators (Link trainers G09B 9/08) [1, 2006.01]
G06G 7/75	2-Punkt Untergruppe	... for component analysis, e.g. of mixtures, of colours (G06G 7/122 takes precedence) [2, 2006.01]
G06G 7/76	2-Punkt Untergruppe	... for traffic [1, 2006.01]
G06G 7/78	2-Punkt Untergruppe	... for direction-finding, locating, distance or velocity measuring, or navigation systems [1, 2006.01]
G06G 7/80	2-Punkt Untergruppe	... for gun-laying; for bomb aiming; for guiding missiles [1, 2, 2006.01]
G06G 99/00	Hauptgruppe	Subject matter not provided for in other groups of this subclass [2009.01]