

Symbol	Typ	Titel
G	Sektion	PHYSICS
G06	Klasse	COMPUTING; CALCULATING; COUNTING
G06T	Unterkategorie	IMAGE DATA PROCESSING OR GENERATION, IN GENERAL [6, 2006.01]
G06T 1/00	Hauptgruppe	General purpose image data processing [6, 2006.01]
G06T 1/20	1-Punkt Untergruppe	. Processor architectures; Processor configuration, e.g. pipelining (architectures of general purpose stored programme computers G06F 15/76) [6, 2006.01]
G06T 1/40	2-Punkt Untergruppe	.. Neural networks [6, 2006.01]
G06T 1/60	1-Punkt Untergruppe	. Memory management [6, 2006.01]
G06T 3/00	Hauptgruppe	Geometric image transformation in the plane of the image, e.g. from bit-mapped to bit-mapped creating a different image [6, 2006.01]
G06T 3/20	1-Punkt Untergruppe	. Linear translation of a whole image or part thereof, e.g. panning [6, 2006.01]
G06T 3/40	1-Punkt Untergruppe	. Scaling of a whole image or part thereof [6, 2006.01]
G06T 3/60	1-Punkt Untergruppe	. Rotation of a whole image or part thereof [6, 2006.01]
G06T 5/00	Hauptgruppe	Image enhancement or restoration, e.g. from bit-mapped to bit-mapped creating a similar image [6, 2006.01]
G06T 5/10	1-Punkt Untergruppe	. by non-spatial domain filtering [6, 2006.01]
G06T 5/20	1-Punkt Untergruppe	. by the use of local operators [6, 2006.01]
G06T 5/30	2-Punkt Untergruppe	.. Erosion or dilatation, e.g. thinning [6, 2006.01]
G06T 5/40	1-Punkt Untergruppe	. by the use of histogram techniques [6, 2006.01]
G06T 5/50	1-Punkt Untergruppe	. by the use of more than one image, e.g. averaging, subtraction [6, 2006.01]
G06T 7/00	Hauptgruppe	Image analysis [6, 2006.01, 2017.01]
G06T 7/10	1-Punkt Untergruppe	. Segmentation; Edge detection (motion-based segmentation G06T 7/215) [2017.01]
G06T 7/11	2-Punkt Untergruppe	.. Region-based segmentation [2017.01]
G06T 7/12	2-Punkt Untergruppe	.. Edge-based segmentation [2017.01]
G06T 7/13	2-Punkt Untergruppe	.. Edge detection [2017.01]
G06T 7/136	2-Punkt Untergruppe	.. involving thresholding [2017.01]
G06T 7/143	2-Punkt Untergruppe	.. involving probabilistic approaches, e.g. Markov random field [MRF] modelling [2017.01]
G06T 7/149	2-Punkt Untergruppe	.. involving deformable models, e.g. active contour models [2017.01]
G06T 7/155	2-Punkt Untergruppe	.. involving morphological operators [2017.01]
G06T 7/162	2-Punkt Untergruppe	.. involving graph-based methods [2017.01]
G06T 7/168	2-Punkt Untergruppe	.. involving transform domain methods [2017.01]
G06T 7/174	2-Punkt Untergruppe	.. involving the use of two or more images [2017.01]
G06T 7/181	2-Punkt Untergruppe	.. involving edge growing; involving edge linking [2017.01]
G06T 7/187	2-Punkt Untergruppe	.. involving region growing; involving region merging; involving connected component labelling [2017.01]

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G06T 7/194	2-Punkt Untergruppe . .	<i>involving foreground-background segmentation [2017.01]</i>
G06T 7/20	1-Punkt Untergruppe . .	<i>Analysis of motion (motion estimation for coding, decoding, compressing or decompressing digital video signals H04N 19/43, H04N 19/51) [6, 2006.01, 2017.01]</i>
G06T 7/207	2-Punkt Untergruppe . .	<i>for motion estimation over a hierarchy of resolutions (multi-resolution motion estimation or hierarchical motion estimation for coding, decoding, compressing or decompressing digital video signals H04N 19/53) [2017.01]</i>
G06T 7/215	2-Punkt Untergruppe . .	<i>Motion-based segmentation [2017.01]</i>
G06T 7/223	2-Punkt Untergruppe . .	<i>using block-matching [2017.01]</i>
G06T 7/231	3-Punkt Untergruppe . . .	<i>using full search [2017.01]</i>
G06T 7/238	3-Punkt Untergruppe . . .	<i>using non-full search, e.g. three-step search [2017.01]</i>
G06T 7/246	2-Punkt Untergruppe . . .	<i>using feature-based methods, e.g. the tracking of corners or segments [2017.01]</i>
G06T 7/254	2-Punkt Untergruppe . . .	<i>involving subtraction of images [2017.01]</i>
G06T 7/262	2-Punkt Untergruppe . . .	<i>using transform domain methods, e.g. Fourier domain methods [2017.01]</i>
G06T 7/269	2-Punkt Untergruppe . . .	<i>using gradient-based methods [2017.01]</i>
G06T 7/277	2-Punkt Untergruppe . . .	<i>involving stochastic approaches, e.g. using Kalman filters [2017.01]</i>
G06T 7/285	2-Punkt Untergruppe . . .	<i>using a sequence of stereo image pairs [2017.01]</i>
G06T 7/292	2-Punkt Untergruppe . . .	<i>Multi-camera tracking [2017.01]</i>
G06T 7/30	1-Punkt Untergruppe . .	<i>Determination of transform parameters for the alignment of images, i.e. image registration [2017.01]</i>
G06T 7/32	2-Punkt Untergruppe . . .	<i>using correlation-based methods [2017.01]</i>
G06T 7/33	2-Punkt Untergruppe . . .	<i>using feature-based methods [2017.01]</i>
G06T 7/35	2-Punkt Untergruppe . . .	<i>using statistical methods [2017.01]</i>
G06T 7/37	2-Punkt Untergruppe . . .	<i>using transform domain methods [2017.01]</i>
G06T 7/38	2-Punkt Untergruppe . . .	<i>Registration of image sequences [2017.01]</i>
G06T 7/40	1-Punkt Untergruppe . .	<i>Analysis of texture (depth or shape recovery from texture G06T 7/529) [6, 2006.01, 2017.01]</i>
G06T 7/41	2-Punkt Untergruppe . . .	<i>based on statistical description of texture [2017.01]</i>
G06T 7/42	3-Punkt Untergruppe . . .	<i>using transform domain methods [2017.01]</i>
G06T 7/44	3-Punkt Untergruppe . . .	<i>using image operators, e.g. filters, edge density metrics or local histograms [2017.01]</i>
G06T 7/45	3-Punkt Untergruppe . . .	<i>using co-occurrence matrix computation [2017.01]</i>
G06T 7/46	3-Punkt Untergruppe . . .	<i>using random fields [2017.01]</i>
G06T 7/48	3-Punkt Untergruppe . . .	<i>using fractals [2017.01]</i>
G06T 7/49	2-Punkt Untergruppe . . .	<i>based on structural texture description, e.g. using primitives or placement rules [2017.01]</i>
G06T 7/50	1-Punkt Untergruppe . .	<i>Depth or shape recovery [2017.01]</i>
G06T 7/507	2-Punkt Untergruppe . . .	<i>from shading (G06T 7/586 takes precedence) [2017.01]</i>

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G06T 7/514	2-Punkt Untergruppe . .	<i>from specularities [2017.01]</i>
G06T 7/521	2-Punkt Untergruppe . .	<i>from laser ranging, e.g. using interferometry; from the projection of structured light [2017.01]</i>
G06T 7/529	2-Punkt Untergruppe . .	<i>from texture [2017.01]</i>
G06T 7/536	2-Punkt Untergruppe . .	<i>from perspective effects, e.g. by using vanishing points [2017.01]</i>
G06T 7/543	2-Punkt Untergruppe . .	<i>from line drawings [2017.01]</i>
G06T 7/55	2-Punkt Untergruppe . .	<i>from multiple images [2017.01]</i>
G06T 7/557	3-Punkt Untergruppe . . .	<i>from light fields, e.g. from plenoptic cameras [2017.01]</i>
G06T 7/564	3-Punkt Untergruppe . . .	<i>from contours [2017.01]</i>
G06T 7/571	3-Punkt Untergruppe . . .	<i>from focus [2017.01]</i>
G06T 7/579	3-Punkt Untergruppe . . .	<i>from motion [2017.01]</i>
G06T 7/586	3-Punkt Untergruppe . . .	<i>from multiple light sources, e.g. photometric stereo [2017.01]</i>
G06T 7/593	3-Punkt Untergruppe . . .	<i>from stereo images [2017.01]</i>
G06T 7/60	1-Punkt Untergruppe . .	<i>Analysis of geometric attributes [6, 2006.01, 2017.01]</i>
G06T 7/62	2-Punkt Untergruppe . .	<i>of area, perimeter, diameter or volume [2017.01]</i>
G06T 7/64	2-Punkt Untergruppe . .	<i>of convexity or concavity [2017.01]</i>
G06T 7/66	2-Punkt Untergruppe . .	<i>of image moments or centre of gravity [2017.01]</i>
G06T 7/68	2-Punkt Untergruppe . .	<i>of symmetry [2017.01]</i>
G06T 7/70	1-Punkt Untergruppe . .	<i>Determining position or orientation of objects or cameras (camera calibration G06T 7/80) [2017.01]</i>
G06T 7/73	2-Punkt Untergruppe . .	<i>using feature-based methods [2017.01]</i>
G06T 7/77	2-Punkt Untergruppe . .	<i>using statistical methods [2017.01]</i>
G06T 7/80	1-Punkt Untergruppe . .	<i>Analysis of captured images to determine intrinsic or extrinsic camera parameters, i.e. camera calibration [2017.01]</i>
G06T 7/90	1-Punkt Untergruppe . .	<i>Determination of colour characteristics [2017.01]</i>
G06T 9/00	Hauptgruppe	Image coding, e.g. from bit-mapped to non bit-mapped (compression in general H03M; compression for image communication H04N) [6, 2006.01]
G06T 9/20	1-Punkt Untergruppe . .	<i>Contour coding, e.g. using detection of edges [6, 2006.01]</i>
G06T 9/40	1-Punkt Untergruppe . .	<i>Tree coding, e.g. quadtree, octree [6, 2006.01]</i>
G06T 11/00	Hauptgruppe	2D [Two Dimensional] image generation [6, 2006.01]
G06T 11/20	1-Punkt Untergruppe . .	<i>Drawing from basic elements, e.g. lines or circles [6, 2006.01]</i>
G06T 11/40	1-Punkt Untergruppe . .	<i>Filling a planar surface by adding surface attributes, e.g. colour or texture [6, 2006.01]</i>
G06T 11/60	1-Punkt Untergruppe . .	<i>Editing figures and text; Combining figures or text [6, 2006.01]</i>
G06T 11/80	1-Punkt Untergruppe . .	<i>Creating or modifying a manually drawn or painted image using a manual input device, e.g. mouse, light pen, direction keys on keyboard [6, 2006.01]</i>
G06T 13/00	Hauptgruppe	Animation [6, 2006.01, 2011.01]

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G06T 13/20	1-Punkt Untergruppe	. 3D [Three Dimensional] animation [2011.01]
G06T 13/40	2-Punkt Untergruppe	... of characters, e.g. humans, animals or virtual beings [2011.01]
G06T 13/60	2-Punkt Untergruppe	... of natural phenomena, e.g. rain, snow, water or plants [2011.01]
G06T 13/80	1-Punkt Untergruppe	. 2D animation, e.g. using sprites [2011.01]
G06T 15/00	Hauptgruppe	3D [Three Dimensional] image rendering [6, 2006.01, 2011.01]
G06T 15/02	1-Punkt Untergruppe	. Non-photorealistic rendering [2011.01]
G06T 15/04	1-Punkt Untergruppe	. Texture mapping [2011.01]
G06T 15/06	1-Punkt Untergruppe	. Ray-tracing [2011.01]
G06T 15/08	1-Punkt Untergruppe	. Volume rendering [2011.01]
G06T 15/10	1-Punkt Untergruppe	. Geometric effects [6, 2006.01, 2011.01]
G06T 15/20	2-Punkt Untergruppe	... Perspective computation [6, 2006.01, 2011.01]
G06T 15/30	2-Punkt Untergruppe	... Clipping [6, 2006.01, 2011.01]
G06T 15/40	2-Punkt Untergruppe	... Hidden part removal [6, 2006.01, 2011.01]
G06T 15/50	1-Punkt Untergruppe	. Lighting effects [6, 2006.01, 2011.01]
G06T 15/55	2-Punkt Untergruppe	... Radiosity [2011.01]
G06T 15/60	2-Punkt Untergruppe	... Shadow generation [6, 2006.01]
G06T 15/80	2-Punkt Untergruppe	... Shading [2011.01]
G06T 15/83	3-Punkt Untergruppe	... Phong shading [2011.01]
G06T 15/87	3-Punkt Untergruppe	... Gouraud shading [2011.01]
G06T 17/00	Hauptgruppe	3D modelling for computer graphics [6, 2006.01]
G06T 17/05	1-Punkt Untergruppe	. Geographic models [2011.01]
G06T 17/10	1-Punkt Untergruppe	. Volume description, e.g. cylinders, cubes or using CSG [Constructive Solid Geometry] [6, 2006.01]
G06T 17/20	1-Punkt Untergruppe	. Wire-frame description, e.g. polygonalisation or tessellation [6, 2006.01]
G06T 17/30	1-Punkt Untergruppe	. Surface description, e.g. polynomial surface description [6, 2006.01]
G06T 19/00	Hauptgruppe	Manipulating 3D models or images for computer graphics [2011.01]
G06T 19/20	1-Punkt Untergruppe	. Editing of 3D images, e.g. changing shapes or colours, aligning objects or positioning parts [2011.01]