Automatic identification of single- and/or few-layer thin-film material

One or more digital representations of single- (101) and/or few-layer (102) thin-film material are automatically identified robustly and reliably in a digital image (100), the digital image (100) having a predetermined number of colour components, by - determining (304) a background colour component of the digital image (100) for each colour component, and - determining or estimating (306) a colour component of thin-film material to be identified in the digital image (100) for each colour component by obtaining a pre-determined contrast value (C_R; C_G; C_B) for each colour component and multiplying the respective background colour component with a numerical difference between the pre-determined contrast value (C_R; C_G; C_B) for a given colour component and about 1, - identifying points or parts of the image with all colour components being within a predetermined range of the determined or estimated colour component.

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