

SUPPLEMENT

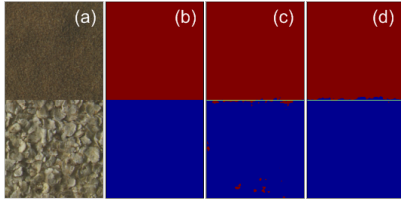


Fig. S1. Example of Linearly Separable Textures Classification Results by LDA and ONDA. (a) Binary Brodatz textures of size 512×256 . (b) Ground truth. (c) LDA classification results with accuracy 98.73%. (d) ONDA classification results with accuracy 99.32%.

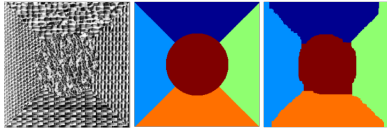


Fig. S2. Problem(left), ground truth(center) and classification(right) for P1.

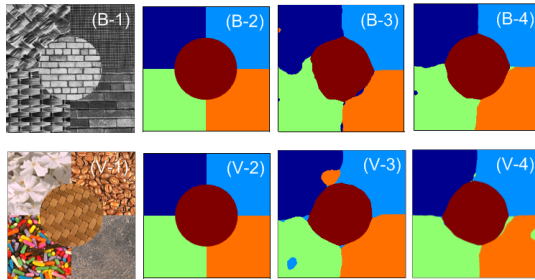


Fig. S3. Classification Results of 5-class Brodatz and VisTex Textures with majority voting (voting region size: 31×31). (B-1) 5-class Brodatz textures with size 512×512 . (B-2) Ground truth. (B-3) Fisher+1NN classification results with accuracy 96.52%. (B-4) Proposed classification results with accuracy 98.47%. (V-1) 5-class VisTex textures with size 512×512 . (V-2) Ground truth. (V-3) MAH+1NN classification results with accuracy 95.11%. (V-4) Proposed classification results with accuracy 96.23%.