

Erratum to “Study of diamond film nucleation by ultrasonic seeding in different solutions” by Marián Varga, Tibor Ižák, Alexander Kromka, Marian Veselý, Karel Hruška and Miroslav Michalka

Editorial Erratum

CEJP Editorial

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Abstract: The original version of the article was published in Central European Journal of Physics 10, 218-224 (2012), DOI: 10.2478/s11534-011-0078-4. Unfortunately, due to an editorial processing error the original version of this article contain mistakes in Figs. 3, 4 and 6. Here we display the corrected version of these figures.

PACS (2008): 99.10.-x, 81.05.ug, 68.55.A-, 81.40.Pq, 68.37.Hk, 42.65.Dr

Keywords: diamond • nucleation • ultrasonic abrasion • SEM • Raman • erratum
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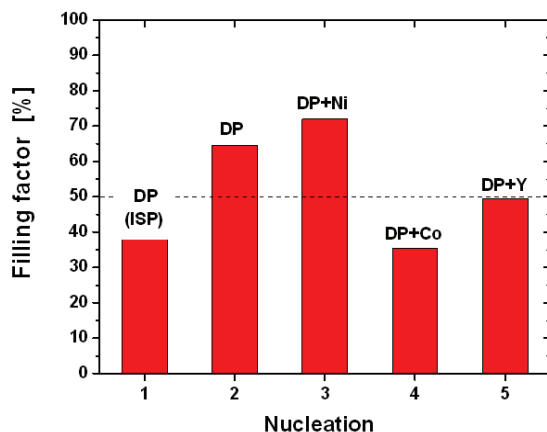


Figure 3. Histogram of perceptual coverage of surface with diamond after short-time deposition. The numbers on the x-axis from 1 to 5 correspond to different nucleation solutions from A to E. Filling factor is defined as (covered area)/(covered area+not covered area).

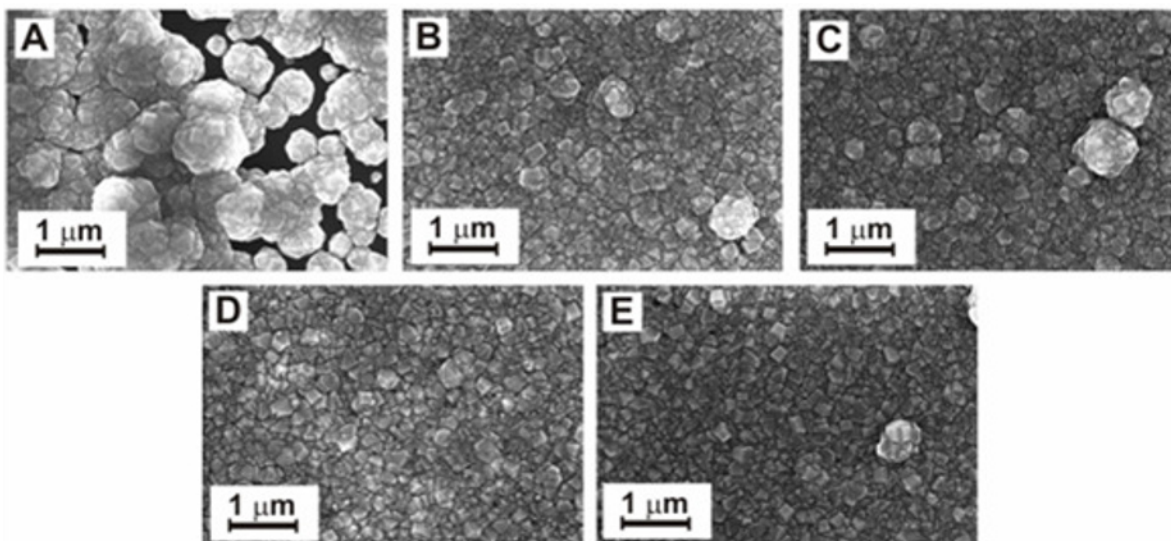


Figure 4. SEM images of samples after "long-time" deposition of diamond thin film in MW CVD reactor.

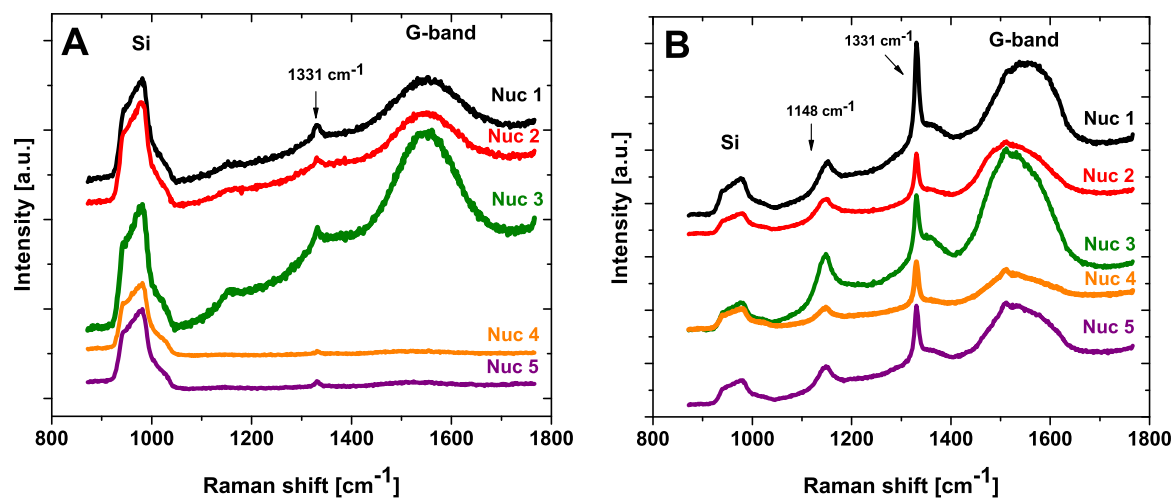


Figure 6. Raman spectra of samples after short-time (A) and long-time deposition (B) measured by 442 nm excitation wavelength.

References

- [1] M. Varga, T. Ižák, A. Kromka, M. Veselý, K. Hruška, M. Michalka, *Cent. Eur. J. Phys.* 10, 218 (2012)