

LIST OF PUBLICATIONS & THEIR CITATIONS

Dowman P. Varn

May 2009

1. D. P. Varn & G. S. Canright, "The crystal problem for polytypes," *Acta Crystallographica* **A57**, 4-19 (2001). Cited by:
 - (1) SCH & DK; *Diffusion and defect data. Solid state data. Part B, Solid state phenomena* **138**, 29-42 (2001).
 - (2) DP Varn; Ph.D. Thesis, University of Tennessee, Knoxville, (2001).
 - (3) DPV, GSC & JPC; *Physical Review B* **66**, 174110 (2002).
 - (4) DPV & JPC; *Physics Letters A* **324/4**, 299-307 (2004).
 - (5) DPV, GSC & JPC; *Acta Crystallographica* **B63**, 169-182 (2007).
 - (6) EE, APM & PS; *Zeitschrift für Kristallographie Suppl.* **26**, 99-104 (2007).
 - (7) EE, UW, APM & EJM; *Acta Crystallographica* **A64**, 537-548 (2008).
 - (8) EE & RGF; *Zeitschrift für Kristallographie* **224**, 179-184 (2009).
 - (9) VP, CB, RW & KGN; *Current Opinion in Solid State and Materials Science* (2009).
2. D. P. Varn, *Language Extraction from ZnS*, Ph.D. Thesis, University of Tennessee, Knoxville (2001). Cited by:
 - (1) NA & JPC; *Journal of Statistical Physics* **120**, 659-684 (2005).
 - (2) A Ryan; Ph.D. Thesis, University of Adelaide, (2007).
 - (3) DPV, GSC & JPC; *Acta Crystallographica* **B63**, 169-182 (2007).
 - (4) EE, UW, APM & EJM; *Acta Crystallographica* **A64**, 537-548 (2008).
3. D. P. Varn, G. S. Canright & J. P. Crutchfield, "Discovering planar disorder in close-packed structures from x-ray diffraction: Beyond the fault model," *Physical Review B* **66**, 174110 (2002). Cited by:
 - (1) DPF & JPC; *Physical Review E* **67**, 051104 (2003).
 - (2) EE, BA, HF & APM; *Physical Review B* **68**, 064111 (2003).
 - (3) DPV & JPC; *Physics Letters A* **324/4**, 299-307 (2004).
 - (4) NA & JPC; *Journal of Statistical Physics* **120**, 659-684 (2005).
 - (5) EE, AP, JMG & HF; *Crystal Research and Technology* **120**, 166-176 (2005).
 - (6) KY, YC, JK, GBT & NS; *Physical Review Letters* **94**, 098701 (2005).
 - (7) A Tikhonov; Ph.D. Thesis, University of Pittsburgh, (2006).
 - (8) DPV, GSC & JPC; *Acta Crystallographica* **B63**, 169-182 (2007).
 - (9) EE, APM & PS; *Zeitschrift für Kristallographie Suppl.* **26**, 99-104 (2007).
 - (10) PT & DP; *Acta Crystallographica* **A63**, 289-296 (2007).
 - (11) EE, UW, APM & EJM; *Acta Crystallographica* **A64**, 537-548 (2008).
4. D. P. Varn & J. P. Crutchfield, "From finite to infinite range order via annealing: The causal architecture of deformation faulting in annealed close-packed crystals," *Physics Letters A* **324/4**, 299-307 (2004). Cited by:
 - (1) DPV, GSC & JPC; *Acta Crystallographica* **B63**, 169-182 (2007).
 - (2) EE, APM & PS; *Zeitschrift für Kristallographie Suppl.* **26**, 99-104 (2007).
 - (3) CRS, MFC & KLK; in *Statistical Network Analysis: Models, Issues and New Directions*. Springer (2007).
 - (4) MP & LP; *Procesamiento del Lenguaje Natural* **39**, 89-96 (2007).

- (5) MP & LP; in *Finite-State Methods and Natural Language Processing*. Potsdam University Press (2008).
 - (6) LP Cirera; Ph.D. Thesis, Universitat Politècnica de Catalunya, (2008).
 - (7) EE, UW, APM & EJM; *Acta Crystallographica* **A64**, 537-548 (2008).
 - (8) JTL, MP & AYZ; *Physical Review E* **77**, 026110 (2008).
 - (9) GB, PJA, FB & DW; *New Generation Computing* **27**, 1-23 (2009).
5. D. P. Varn, G. S. Canright & J. P. Crutchfield, "Inferring planar disorder in close-packed structures *via* ϵ -machine spectral reconstruction theory: structure and intrinsic computation in zinc sulphide," *Acta Crystallographica* **B63**, 169-182 (2007). No Citations.
 6. D. P. Varn, G. S. Canright & J. P. Crutchfield, "A direct method for inferring planar disorder and structure from X-ray diffraction studies." No Citations.
 7. D. P. Varn, G. S. Canright & J. P. Crutchfield, "Inferring planar disorder in close-packed structures *via* ϵ -machine spectral reconstruction theory: examples from simulated diffraction spectra." No Citations.