

**Prof JJ Terblans**  
**Conferences / Konferensies**

ASANTE, J.K.O., ROOS, W.D., TERBLANS, J.J.

A mathematical fit procedure to determine segregation parameters from experimental data of a linear temperature run.

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JONKER, A.J., CLAASSENS, C.H., CHEN, R., VENTER, L.A., RAMOSHEBE, P., WURTH, E., TERBLANS, J.J., ROOS, W.D., SWART, H.C.

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47th Annual Conference of the South African Institute of Physics, Potchefstroom, S.A., 2002.

WURTH, E., GREYLING, C.J., TERBLANS, J.J. SWART, H.C.

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NTWAEABORWA, O.M., VAN WYK, G.N., ROOS, W.D., TERBLANS, J.J. GREEFF, A.P., SWART, H.C.

All systems go at Kovsies.

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Calculating the bulk vacancy formation energy (Ev) for a Schottky defect in a perfect Cu(111), Cu(100) and a Cu(110) single crystal.

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A reliable method for finding the equilibrium segregation parameters in a ternary system.

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Finding the equilibrium segregation parameters in a Cu(111),Sn,Sb ternary system,

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JOUBERT, H.D., SWART, H.C., TERBLANS, J.J.

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DHLAMINI, M.S., TERBLANS, J.J., TERBLANCHE, C.J., SWART, H.C.

The effect of oxidation on the surface temperature of pure Ti.

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JONKER, A.J., ERASMUS, J.J.C., SWART, H.C., TERBLANS, J.J.

Titanium based anodes for the electroplating of MnO<sub>2</sub>,

48th Annual Conference of the South African Institute of Physics, Stellenbosch, S.A., 2003.

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TERBLANS, J.J., VAN WYK, G.N.

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JOUBERT, H.D., SWART, H.C., TERBLANS, J.J.

A chemical potential Monte Carlo (CPMC) program for simulating diffusion and segregation.  
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