European Funds
Knowledge Education Development

INSTITUTE OF METALLURGY
AND MATERIALS SCIENCE
POLISH ACADAMY OF SCIENCES

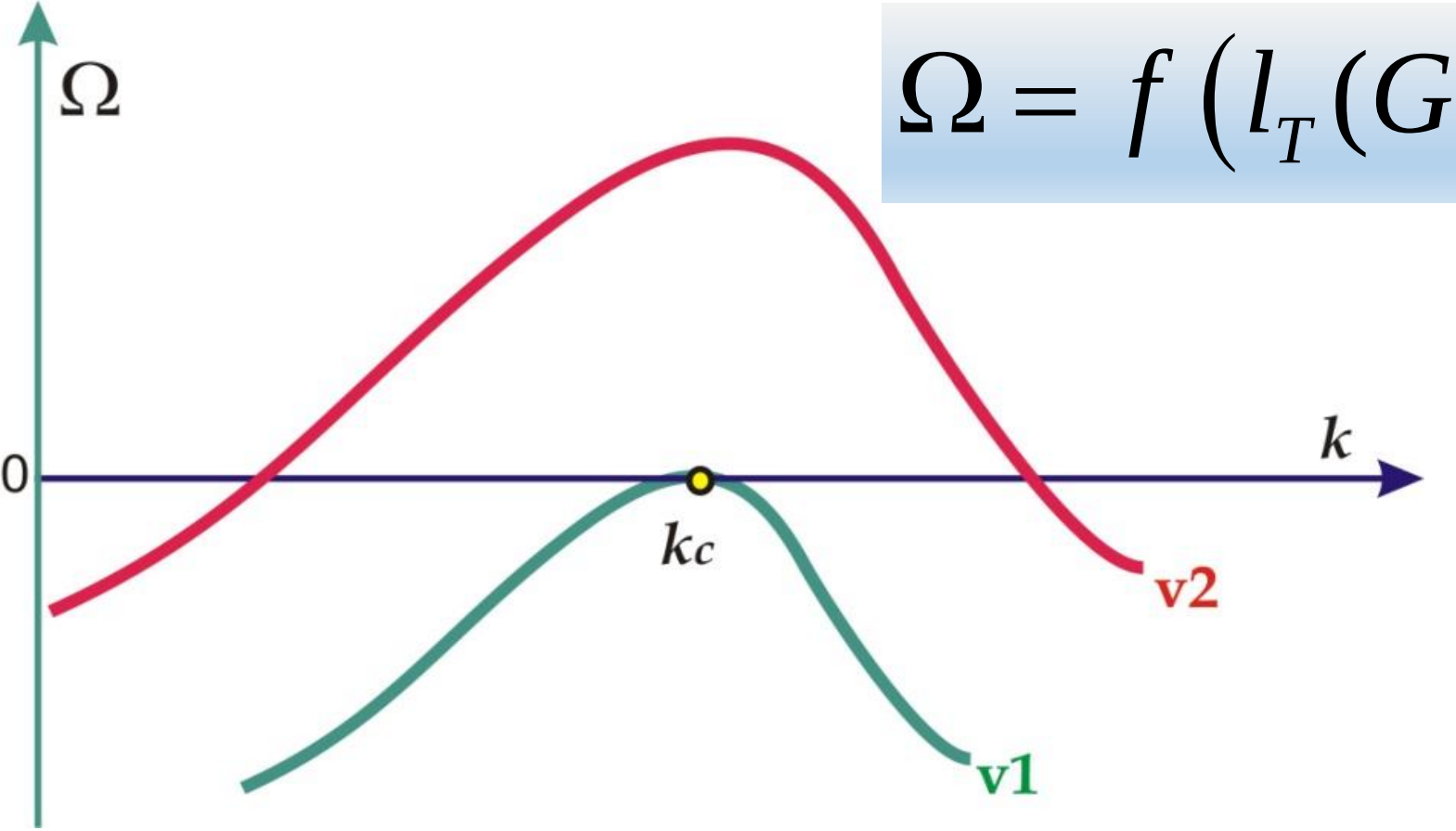
European Union
European Social Fund

STABILITY / INSTABILITY

Project WND-POWR.03.02.00-00-I043/16

International interdisciplinary PhD Studies in Materials Science with English as the language of instruction

Project co-financed by the European Union within the European Social Funds



$$\Omega = f\left(l_T(G) + l(v/D) + d_0(\gamma)\right)$$

v1 < v2

CAROLI, CAROLI & ROULET

Project WND-POWR.03.02.00-00-I043/16

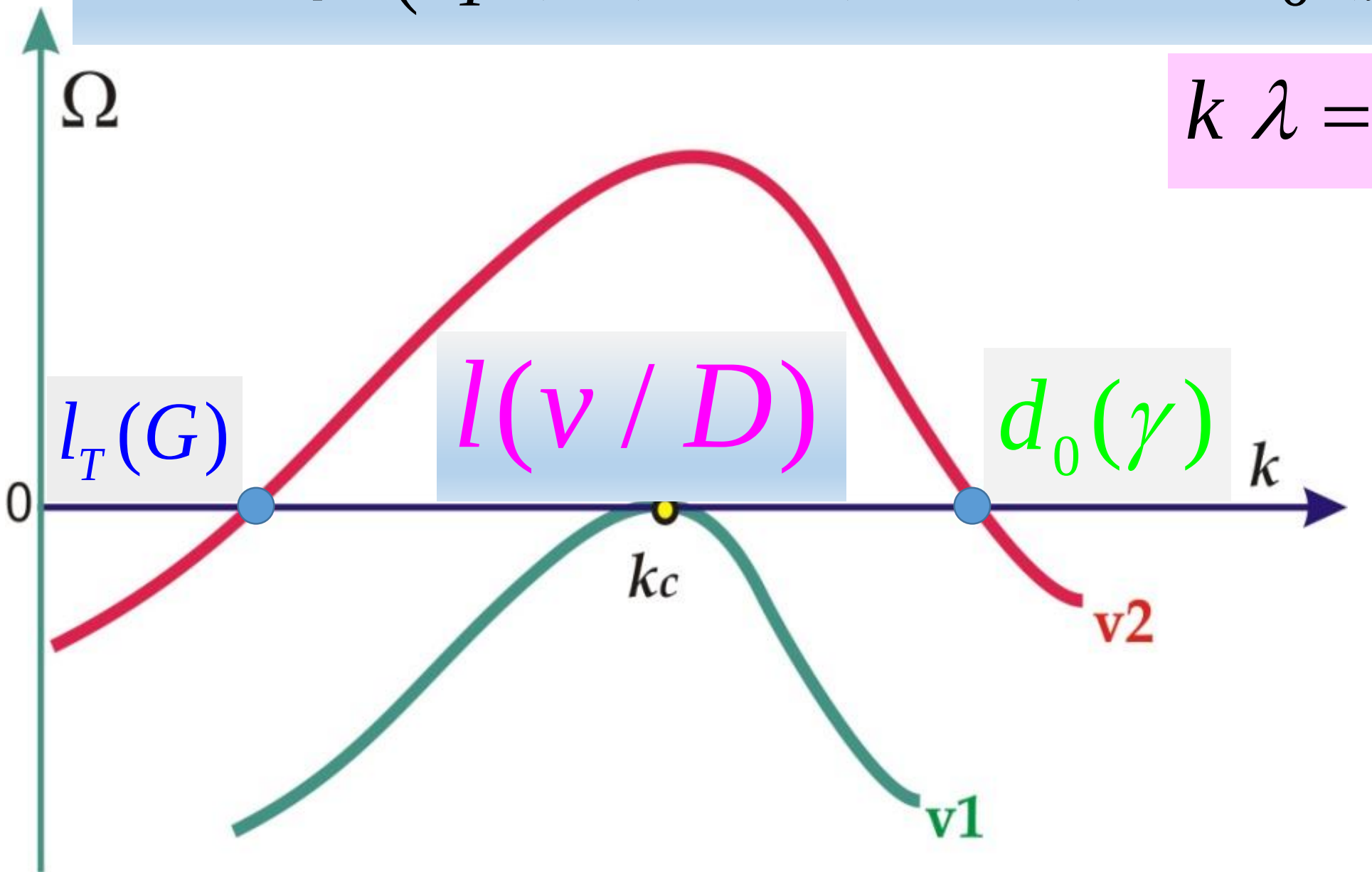
International interdisciplinary PhD Studies in Materials Science with English as the language of instruction

Project co-financed by the European Union within the European Social Funds

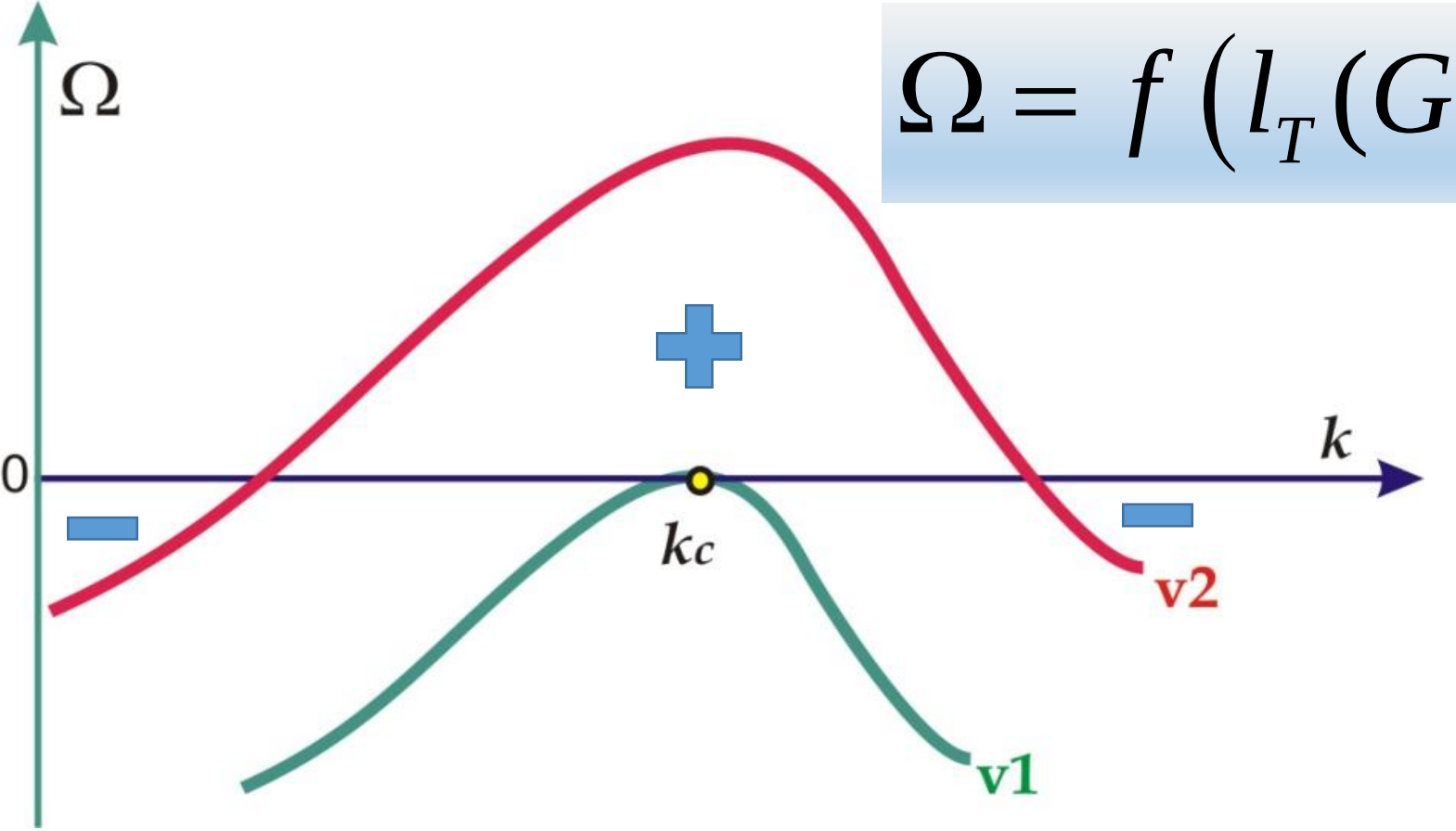
European Funds
Knowledge Education

$$\Omega = f\left(l_T(G) + l(v/D) + d_0(\gamma)\right)$$

$$k\ \lambda = 2\Pi$$



$$\Omega = f\left(l_T(G) + l(\nu / D) + d_0(\gamma)\right)$$



$$\nu 1 \equiv \nu_C$$

Project WND-POWR.03.02.00-00-I043/16
International interdisciplinary PhD Studies in Materials Science with English as the language of instruction
Project co-financed by the European Union within the European Social Funds

simplified solution to MULLINS & SEKERKA – theory for directional solidification

$$k\,\lambda = 2\Pi$$