**Editor’s Comment:**

I accept the manuscript for publication in the BP International.

Considering the reviewers comments and authors corrections, we can publish this manuscript.

The reasons are as follows:

1- One reviewer gives comments such as “From my point of view the importance of this

manuscript focuses on the contribution on the phase change of a material from solid to liquid,

this is an open area of research that helps to know about the variables that influence the

structure of materials”

2- One reviewer gives comment such as” This manuscript discusses the numerical study on the

effect of convection on grain growth structure. It provides valuable information on the

structure of grain growth caused by convective effect in metal droplet, evaluated using

numerical simulation method.”

3- Two reviewers give comment such as “Accept after minor revision”.

According to the comments, the authors have corrected the manuscript carefully. Therefore,

the manuscript has enough value for publication in the BP International.

**Editor’s Details:**

Prof. Magdy Rabie Soliman Sanad

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