Dear Editor,

the manuscript we are sending to You has previously been submitted for publication in Your journal and based on the initial review, you suggested that we rearrange the manuscript and send it in the form of a technical paper. As all of the authors agreed with your suggestion, we now submit the paper in the form of a technical paper. The work has been rearranged, in accordance with Your suggestions. A reference with the original method was added, as required. The work was significantly shortened by omitting the parts of the manuscript which could be referred to previous references. In addition, the first example was also omitted. The authors would like to note that we have considered the last suggestion to refer to previous research on the issue of experimental data. Actually, the experimental data used in this paper is original and do not coincide with the mentioned paper. As an argument, the authors state the fact that in the mentioned paper, five output fractions were observed on three consecutive grinding passages, while in this paper only one grinding passage was observed, and the observed number of fractions was eight. In addition, within this research, the chemical composition of the input and output fractions was observed, which was not the case in the previous work.

Therefore, please find enclosed the manuscript entitled “CONTROL OF THE SIZE AND COMPOSITIONAL DISTRIBUTION IN MILLING PROCESS USING THE REVERSE BREAKAGE MATRIX APPROACH”, by Nemanja Bojanić, Aleksandar Fišteš, Tatjana Došenović, Aleksandar Takači, Mirjana Brdar, Kiyoshi Yoneda and Dušan Rakić to be submitted to the Hemijska industrija (Chemical Industry). All co-authors have seen and agree with the contents of the manuscript and there is no financial interest to report. We certify that the submission is original work and is not under review at any other publication.

In this manuscript, we discuss mathematical solutions and the perceived limitations of using the reverse breakage matrix for defining the particle size distribution and compositional distribution of the input material to a milling operation which would give the desired particle size distribution and compositional distribution of the output.

We believe that our findings could be of interest to the readers of the Hemijska industrija (Chemical Industry) and that the editorial board will agree on the interest of this study.

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Sincerely yours,

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