Retraction Note to: Development of censored data-based robust design for pharmaceutical quality by design

Byung Rae Cho¹ · Yongsun Choi² · Sangmun Shin²

Published online: 23 October 2020

© Springer-Verlag London Ltd., part of Springer Nature 2020

Retraction Note to: Int J Adv Manuf Technol (2010) 49:839–851
<https://doi.org/10.1007/s00170-009-2455-3>

The Editor-in-Chief has retracted this article [1] because it significantly overlaps with a previously published thesis by Abdul-baasit Shaibu [2] and a previously published article [3]. Byung Rae Cho and Yongsun Choi have agreed with this retraction. Sangmun Shin could not be contacted about this retraction.

References

1. Cho BR, Choi Y, Shin S (2010) Development of censored data-based robust design for pharmaceutical quality by design. Int J

Adv Manuf Technol 49:839–851. <https://doi.org/10.1007/s00170-009-2455-3>

2. Shaibu, Abdul-baasit, "DEVELOPMENT OF THE INTEGRATED CENSORED ROBUST-TOLERANCE ENGINEERING DESIGN SYSTEMS VIA IMPROVED RESPONSE SURFACE MODELING" (2009). All Dissertations 340. https://tigerprints.clemson.edu/all_dissertations/340
3. Shaibu A-B, Cho BR, Kovach J (2009) Development of a censored robust design model for time-oriented quality characteristics. Qual Reliab Engng Int 25:181–197. <https://doi.org/10.1002/qre.961>

Publisher's note Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

The online version of the original article can be found at <https://doi.org/10.1007/s00170-009-2455-3>

✉ Byung Rae Cho
bcho@clemson.edu

Yongsun Choi
yschoi@inje.ac.kr

Sangmun Shin
sshin@inje.ac.kr

¹ Department of Industrial Engineering, Clemson University, Clemson, SC 29634, USA

² Department of Systems Management & Engineering, Inje University, Gimhae, Gyeong Nam 621-749, South Korea