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( . 1), (Canadian Wheat Board Centre of Grain Storage Research).

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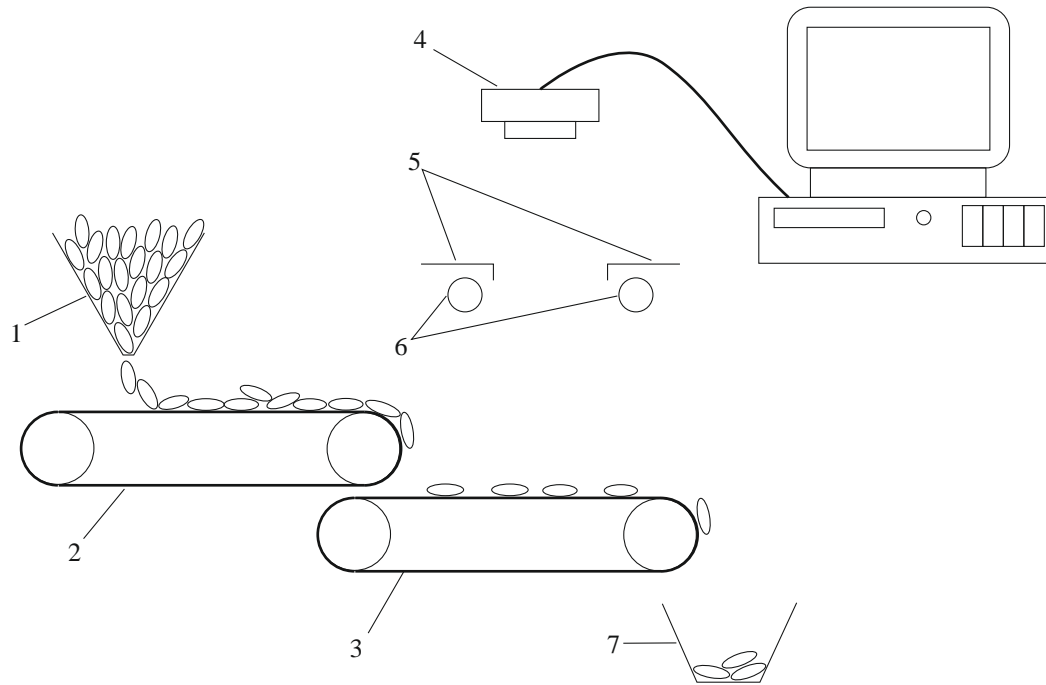
ø CWRS, ), 23 CWAD,

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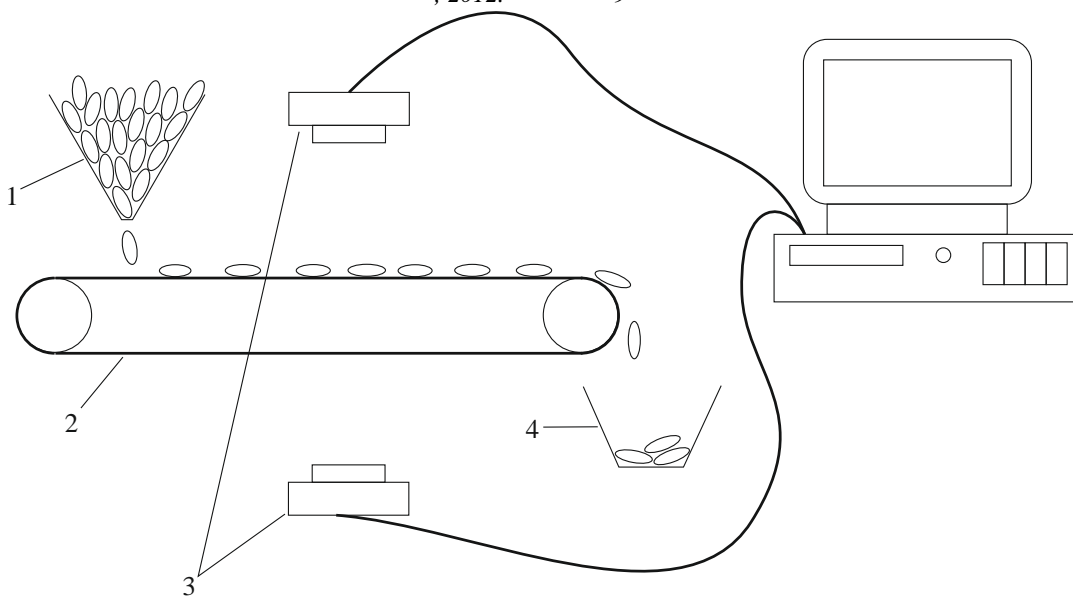
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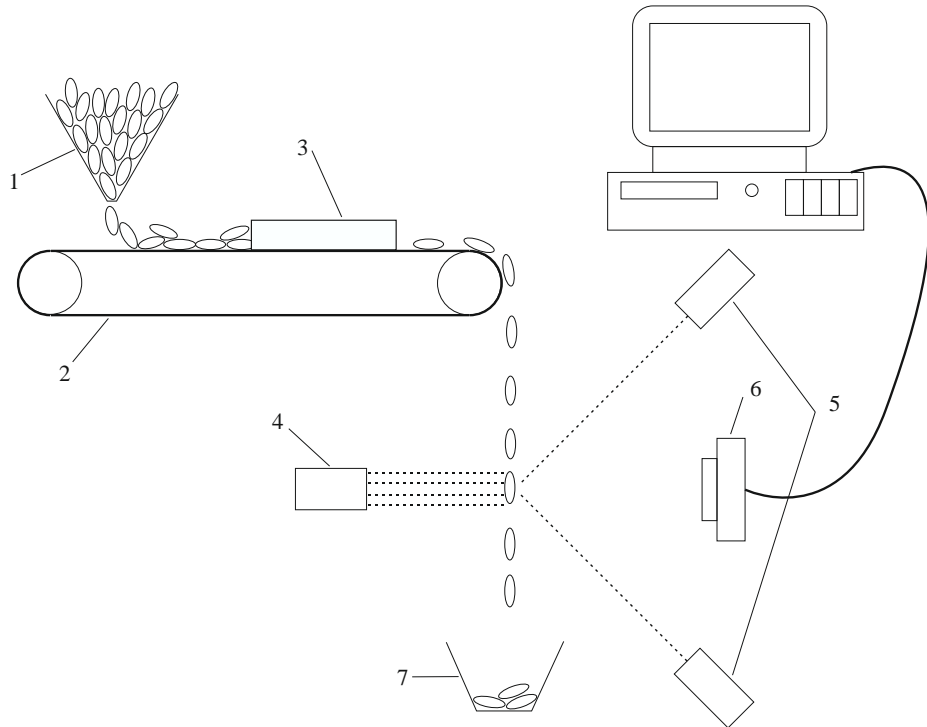
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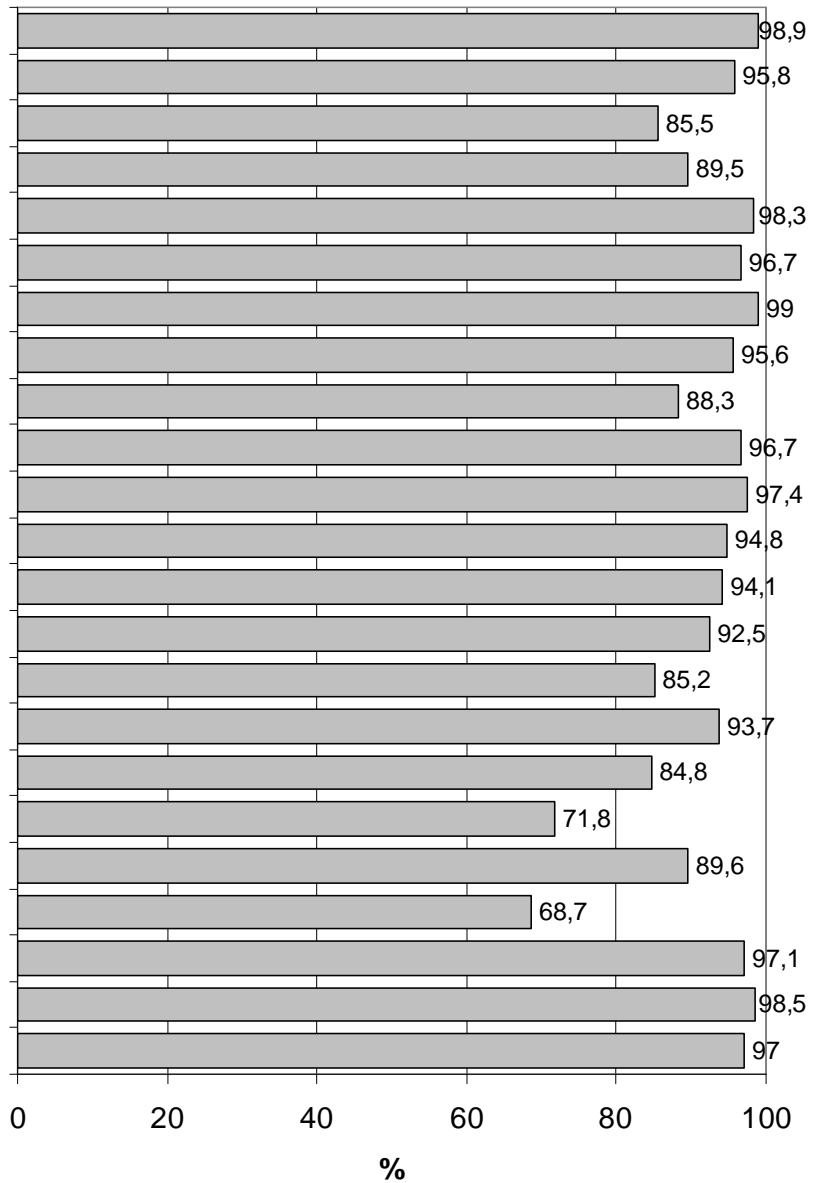
69 % 99 %.

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1. 1 2011 / [ ] ó  
: URL: <http://www.minagro.gov.ua/files/00012454/Bul.na01.11.2011.XLS>
  2. A.M. . / A.M., . . . //
3. Jayas D.S. Multi-layer neural networks for image analysis of agricultural products / Jayas D.S., Paliwal J., Visen N.S // Journal of Agricultural Engineering Research. ó 2000. ó 77. ó P. 1196128.
  4. Paliwal J. Cereal grain and dockage identification using machine vision / Paliwal J, Visen N.S., Jayas D.S., White N.D.G. // Biosystems Engineering. ó 2003. ó 85, P. 51657
  5. Perner P. Automatic Quality Control of Sereals - Image Acquisition and Intelligent Image Analysis / Petra Perner // G.I.T. Imaging & Microscopy. ó 2008. ó 10. ó P. 406-408.
  6. Bruckner P. Measuring wheat quality / Peter Bruckner, Katharina Anding, Martin Dambon, Daniel Garten // Vision systems design. Vision and automation solutions for engineers and integrators worldwide. ó Penwell Publishing. ó 2010. ó vol. 15. ó 6. ó P. 17-24.
  7. Sun D. W. Computer Vision Technology for Food Quality Evaluation. / Da-Wen Sun. ó Academic Press. ó 2007. ó 600 p. ó ISBN 978-0123736420.