Heartbeat (computing)

Known as: Heartbeat, Heartbeat protocol

In computer science, a heartbeat is a periodic signal generated by hardware or software to indicate normal operation or to synchronize other parts of a computer system. Usually a heartbeat is sent between machines at a regular interval in the order of seconds. If the endpoint does not receive a heartbeat for a time —usually a few heartbeat intervals—, the machine that should have sent the heartbeat is assumed to have failed. Collapse

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Simulasi Alat Photoplethysmograph (PPG)

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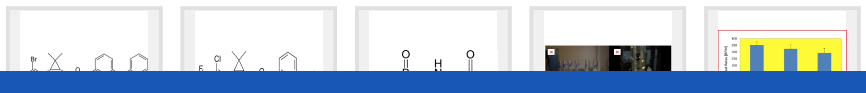

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H. Kawaoka, T. Yamada, M. Matsushima, T. Kawabe, M. Shikida • International Conference on Solid-State Sensors... • 2015 • Corpus ID: 35113784

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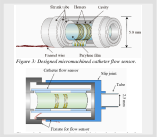

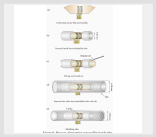
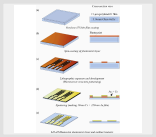
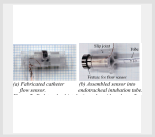

The Big Data Obstacle of Lifelogging

Chelsea Dobbins, M. Merabti, P. Fergus, D. Llewellyn-Jones • 28th International Conference on Advanced... • 2014 • Corpus ID: 15041378

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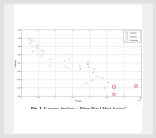
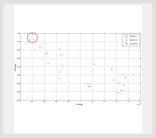

Robust Heartbeat Detector Based on Weighted Correlation and Multichannel Input: Implementation on the ECG Recorded with Textile Electrodes

Linda Rattfält, M. Lindén, P. Hult, P. Ask, M. Borga • Int. J. E Health Medical Commun. • 2013 • Corpus ID: 19152243

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M. Pustylnik, A. Ivlev, +4 authors G. Morfill • 2012 • Corpus ID: 118617683

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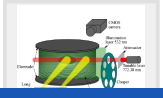
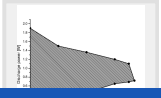
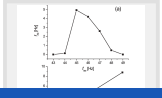
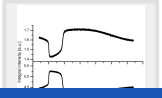
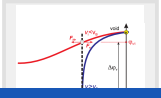

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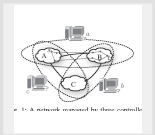
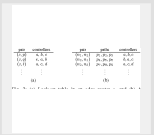
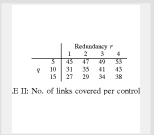

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H. Gall • Working Conference on Reverse Engineering • 2008 • Corpus ID: 1658197

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R. Klein, A. Poglitsch, +6 authors W. Viehhauser • SPIE Astronomical Telescopes + Instrumentation • 2004 • Corpus ID: 62630100

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