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Sprechstunde

Nach Vereinbarung

Lehre

Semester	Titel	Art
WiSe 18	Cyber-Physische Systeme in Medizintechnik und Mobilität	S

Veröffentlichungen

[KBS+19]

[PDFBIB](#)

Kühn, J., Buglowski, M., Stollenwerk, A., Kowalewski, S., Walter, M., Leonhardt, S., Petran, J., Kopp, R., Rossaint, R., and Janisch, T., "Fault Identification in a Blood Pump Using Neural

Networks", in *Proc. World Congress on Medical Physics and Biomedical Engineering 2018 : June 3-8, 2018, Prague, Czech Republic (Vol.2) / edited by Lenka Lhotska, Lucie Sukupova, Igor Lacković, Geoffrey S. Ibbott*, Singapore, 2019 in IFMBE Proceedings, Springer Singapore, pp. 27-32.

Fault Identification in a Blood Pump Using Neural Networks

Bibtex entry :

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@inproceedings { KBS+19,  
  author = { K{"u}hn, Jan and Buglowski, Mateusz and Stollenwerk,  
  André  
    and Kowalewski, Stefan and Walter, Marian and Leonhardt,  
    Steffen and Petran, Jan and Kopp, R{"u}dger and Rossaint,  
    Rolf and Janisch, Thorsten },  
  title = { Fault Identification in a Blood Pump Using Neural  
  Networks },  
  booktitle = { World Congress on Medical Physics and Biomedical  
  Engineering  
    2018 : June 3-8, 2018, Prague, Czech Republic (Vol.2) /  
    edited by Lenka Lhotska, Lucie Sukupova, Igor Lacković,  
    Geoffrey S. Ibbott },  
  publisher = { Springer Singapore },  
  pages = { 27-32 },  
  series = { IFMBE Proceedings },  
  year = { 2019 },  
  address = { Singapore },  
  organization = { IUPESM World Congress on Medical Physics and  
  Biomedical  
    Engineering, Prague (Czech Republic), 2018-06-03 -  
    2018-06-08 },  
  doi = { 10.1007/978-981-10-9038-7_6 },  
  typ = { PUB:(DE-HGF)7 },  
  reportid = { RWTH-2018-231048 },  
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  url = { http://publications.rwth-aachen.de/record/751048 },  
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[SBK18]

[PDFBIB](#)

Stollenwerk, A., Buglowski, M., and Kühn, J., "Mock loop for bubble generation in a centrifugal blood pump for fault simulation", *Current Directions in Biomedical Engineering*, vol. 4, iss. 1, pp. 33-36, 2018

Mock loop for bubble generation in a centrifugal blood pump for fault simulation

Bibtex entry :

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@article { SBK18,  
  author = { Stollenwerk, André and Buglowski, Mateusz and K{"u}hn,  
Jan },  
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  for fault simulation },  
  journal = { Current Directions in Biomedical Engineering },  
  publisher = { de Gruyter },  
  pages = { 33-36 },  
  volume = { 4 },  
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  doi = { 10.1515/cdbme-2018-0009 },  
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