

% 2010

@phdthesis { Arm10,

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author = { Armoush, Ashraf },
title = { Design Patterns for Safety-Critical Embedded Systems },
school = { Embedded Software Laboratory - RWTH Aachen University },
note = { AIB-2010-13 },
issn = { 0935-3232 },
owner = { Ashraf Armoush },
type = { Dissertation },
url = { http://aib.informatik.rwth-aachen.de/2010/2010-13.pdf },
month = { June },
year = { 2010 },
timestamp = {2010.07.05}
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% 2009

@INPROCEEDINGS{AK09,

```
author = {Ashraf Armoush and Stefan Kowalewski},
title = {Safety Recommendations for Safety-Critical Design Patterns},
booktitle = {Design of Dependable Critical Systems (DDCS) In the framework
of
the SAFECOMP2009},
publisher = { Universit{"a"}t Heidelberg },
year = {2009},
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pages = { 9-16 }, owner = {armoush}, url = {
http://archiv.ub.uni-heidelberg.de/volltextserver/volltexte/2009/10072/pdf/Safety\_Recommendations\_f
or\_Safety\_Critical\_Design\_Patterns.pdf },
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timestamp = {2009.09.16}
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@INPROCEEDINGS{ABK09,

```
author = {Armoush, Ashraf and Beckschulze, Eva and Kowalewski, Stefan},
title = {Safety Assessment of Design Patterns for Safety-Critical Embedded
Systems},
booktitle = {35th Euromicro Conference on Software Engineering and Advanced
Applications
(SEAA 2009)},
year = {2009},
pages = { 523-527 },
month = {Aug.},
publisher = {IEEE CS},
owner = {Ashraf Armoush},
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timestamp = {2009.06.12}
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@ARTICLE{ASK09,
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```
author = {Armoush, Ashraf and Salewski, Falk and Kowalewski, Stefan},  
title = {Design Pattern Representation for Safety-Critical Embedded  
Systems},  
journal = {Journal of Software Engineering and Applications (JSEA)},  
year = {2009},  
volume = {2},  
pages = {1--12},  
number = {1},  
month = {April},  
issn = {1945-3116 (Print) 1945-3124 (Online) },  
owner = {armoush},  
timestamp = {2009.04.17}
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% 2008
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@INPROCEEDINGS{ASK08a,
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```
author = {Armoush, Ashraf and Salewski, Falk and Kowalewski, Stefan},  
title = {Effective Pattern Representation for Safety Critical Embedded  
Systems},  
booktitle = {2008 International Conference on Computer Science and Software  
Engineering},  
year = {2008},  
volume = {4},  
pages = {91--97},  
month = {Dec.},  
publisher = {IEEE CS},  
doi = {10.1109/CSSE.2008.739},  
isbn = {978-0-7695-3336-0},  
owner = {Ashraf Armoush},  
timestamp = {2009.01.10},  
url = {http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4722571}
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@INPROCEEDINGS{ASK08b,
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```
author = {Armoush, Ashraf and Salewski, Falk and Kowalewski, Stefan},  
title = {Recovery Block with Backup Voting: A New Pattern with Extended  
Representation  
for Safety Critical Embedded Systems},  
booktitle = {11th International Conference on Information Technology (ICIT  
2008)},
```

```
year = {2008},
pages = {232--237},
month = {Dec.},
publisher = {IEEE CS},
doi = {10.1109/ICIT.2008.60},
isbn = {978-0-7695-3513-5},
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timestamp = {2009.01.12},
url = {http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4731332}

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@INPROCEEDINGS{ASK08c,

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author = {Armoush, Ashraf and Salewski, Falk and Kowalewski, Stefan},
title = {A Hybrid Fault Tolerance Method for Recovery Block with a Weak
Acceptance Test},
booktitle = {The 5th IEEE/IFIP International Conference on Embedded and
Ubiquitous Computing (EUC 2008)},
year = {2008},
volume = {1},
pages = {484-491},
month = {Dec.},
publisher = {IEEE CS},
doi = {10.1109/EUC.2008.102},
isbn = {978-0-7695-3492-3},
owner = {Ashraf Armoush},
timestamp = {2009.01.20},
url = {http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4756378}

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% 2004

@ARTICLE{AS04,

```
author = {Armoush, Ashraf and Serhan, Sami},
title = {Compound Global and Local Two-Level Adaptive Branch Predictor},
journal = {Association for the Advancement of Modelling and Simulation
Techniques
in Enterprises Journal (AMSE-Modeling A)},
year = {2004},
volume = {77},
pages = {49--60},
number = {5},
owner = {armoush},
timestamp = {2004.01.01}

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