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**Towards a Peaceful Development of
Cyberspace** Thomas Reinhold,2024-04-01 The cyberspace and its global infrastructures are essential for our civilizations the economy and administration However cyberspace is also increasingly developing into an intelligence and military operational area visible in the creation of military cyber departments and the integration of cyberspace into states security and defense strategies Unfortunately many of the established toolset of transparency de escalation and arms control measures do not work for cyberspace due to its specific technical characteristics But how de escalation of state led conflicts in cyberspace can be achieved and how arms control of cyber weapons can be developed Based on a technical perspective with regard to the underlying political challenges the book follows an approach of adopting already existing technical measures from other fields of the computer science It presents a classification system for cyberweapons an approach for the mutual reduction of vulnerability stockpiles and provides an approach to prove the non involvement in a cyber conflict Beyond this it aims to provide some impulses regarding the responsibility and creative options of the computer science with a view to the peaceful development and use of cyberspace *Quarterly Bulletin* Brockton Public Library (Brockton, Mass.),1917

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