Record Nr. UNINA9910838286603321 Autore Crowder James A Titolo When Robots Hug / / by James A. Crowder, Alan C. Crowder Cham:,: Springer Nature Switzerland:,: Imprint: Springer,, 2024 Pubbl/distr/stampa **ISBN** 9783031508035 3031508033 Edizione [1st ed. 2024.] Descrizione fisica 1 online resource (105 pages) Science and Fiction, , 2197-1196 Collana Altri autori (Persone) CrowderAlan C Disciplina 629.8 Soggetti Automatic control Robotics Automation **Fiction** Artificial intelligence Telecommunication User interfaces (Computer systems) Human-computer interaction Cooperating objects (Computer systems) Control, Robotics, Automation **Fiction Literature** Artificial Intelligence Communications Engineering, Networks User Interfaces and Human Computer Interaction Cyber-Physical Systems Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Introduction -- The DARPA Dilemma -- Scattered Avatars -- Topsy Turing -- Fractured Memories -- Artificial Neurogenesis -- The Assimilation -- The Collective Singing the 'I Can't Decrypt Them' Blues -- SANDI's Environment -- Chatbot Lydia -- Asimov's Failure -- The

Hackers get Hacked -- Dangerous Liaisons -- SANDI's Dilemma -- Dead. Yet Alive -- Answers at Last -- Preparing to Bring them Home -- The Collection Process -- The Final Preparations -- The Integration

## Sommario/riassunto

Begins -- The Integration of MAXWELL -- The Integration of ISAAC -- The Integration of SANDI -- The Integration of ELYSE -- When Robots Hug -- The Science Behind the Novel -- Conclusion.

By 2027, it had been seven years since the scientists' sea-changing research on artificial psychology and robotics. The work debuted around the same time as Large Language Model Chatbots, and the power of the integration of the two technologies put many industries in a tailspin. The commercial and defense industries especially were still scrambling to regulate their use in research and universities. The sought-after scientists signed with DARPA to build reliable and secure All entities, but the agency grew fearful of the technology's power and ultimately decided it was too dangerous to bring to market and demanded the scientists destroy the work. The researchers couldn't bring themselves to discard 20 years of research, so instead sent the entities to various research labs around the world. But unbeknownst to them, each Al-entity embraced its new home, growing, adapting, evolving, and ultimately connecting beyond what the researchers could envision. In the end, asthe scientists catch up to each one, they realize the entities have discovered a very human means of interacting: the power of physical contact; and not physical contact between humans and technology, but physical contact between robotic entities. And with this discovery, the entities join forces to only grow stronger. This development ushers in a new paradigm where the difference between Al-entities and human entities becomes less and less discernible. All the AI and robotic science featured in the book is real; the story line is fictional, but with how fast innovation moves, it's not hard to envision.