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完成



Integrative Narratology and Its Application in AI-based Virtual Education System

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Yuan Chun You All Authors



Abstract

Document Sections

I. Introduction

II. Introduction of Narratology

III. Integrated Narrative
Conceptual FrameworkIV. Integrated Narrative
SystemV. AI-Based Virtual
Education System

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Abstract:

Narratology is a scientific study of narrative. The primary functions of narrative are make sense of life and make present life experience. Narrative has permeated our lives since ancient times as powerful tools to express and communicate human thoughts, emotions, creativity and for understanding the world. The pervasive nature of narrative extends beyond personal experiences. It has the potential to enhance quality of life, foster social progress, and human civilization. The 21st century is an era of digital narrative. Narrative form and structure have undergone tremendous changes. Most of the narrative theories of the 20th century are no longer applicable. To integrate the diverse range of narratives types in the 21st century and seamlessly fuse them with artificial intelligence (AI) and the metaverse technologies, this paper announces a brand new narrative discipline named "Integrative Narratology". To develop this new discipline, this article proposes an integrated narrative conceptual framework and construct an integrated narrative system(INS) based on this framework. In addition to describing this framework, its theoretical foundations, core technologies and INS, this article also briefly introduces the method of AI automatic story generation, as well as how to use INS to automatically generate stories. How can we teach students to learn how to adapt to the social change caused by the rapid advancement of AI and metaverse technologies? Policy innovation and education reform are urgent tasks. Therefore, this article proposes an AI-based virtual education system based on INS for innovation in education technology. The evolution of AI technology, its application in metaverse, and the metaverse technologies applicable to this education system are described. The development of this virtual education system and its learning models are illustrated. Finally, the modern AI apocalypse and the conclusion are summarized.

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Yuan Chun You

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Toward an Integrated Narrative System Architecture for Interdisciplinary Learning in AI-based Virtual Education System

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結合符號邏輯推理與神經網路學習的混合式 AI 架構:神經符號網絡(Neuro Symbolic Network),2023 年創建一門 AI 新興學科,名為整合敘事學(Integrative Narratology).2024-5 年並因此新學科榮獲一個全球最佳研究科學家獎-AI 與三個最佳研究員獎。

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Integrative Narratology Intelligent Digital Storytelling Ltd.

IDS: Intelligent Digital Storytelling

扮演電影製作劇組的角色，編劇編出有創意的故事腳本，其他劇組人員再繪製分鏡故事板，然後轉製數位內容，這樣做出的影片才比較逼真。

IPKM: Intelligent Personal Knowledge Management

扮演圖書管理員的角色，可協助個人或組織檢索出最精確的知識，特別是綠色知識，促進智慧數位轉型，綠色知識創新及永續發展。

IDH: Intelligent Digital Healthcare

扮演醫療保健人員的角色，醫療敘事以同理心促進醫生病患深層聯繫，讓醫院充滿人情味，激勵重病不治患者意志，起死回生。

IDM: Intelligent Digital Marketing

扮演品牌及行銷人員的角色，品牌敘事以情感聯繫促進客戶關係，提升品牌形象、價值與忠誠度。

本公司在 2024Computex 推出的產品,廣受好評獲得熱烈迴響。

Nitin Dahad • 3rd+
Technology evangelist and writer
6d •

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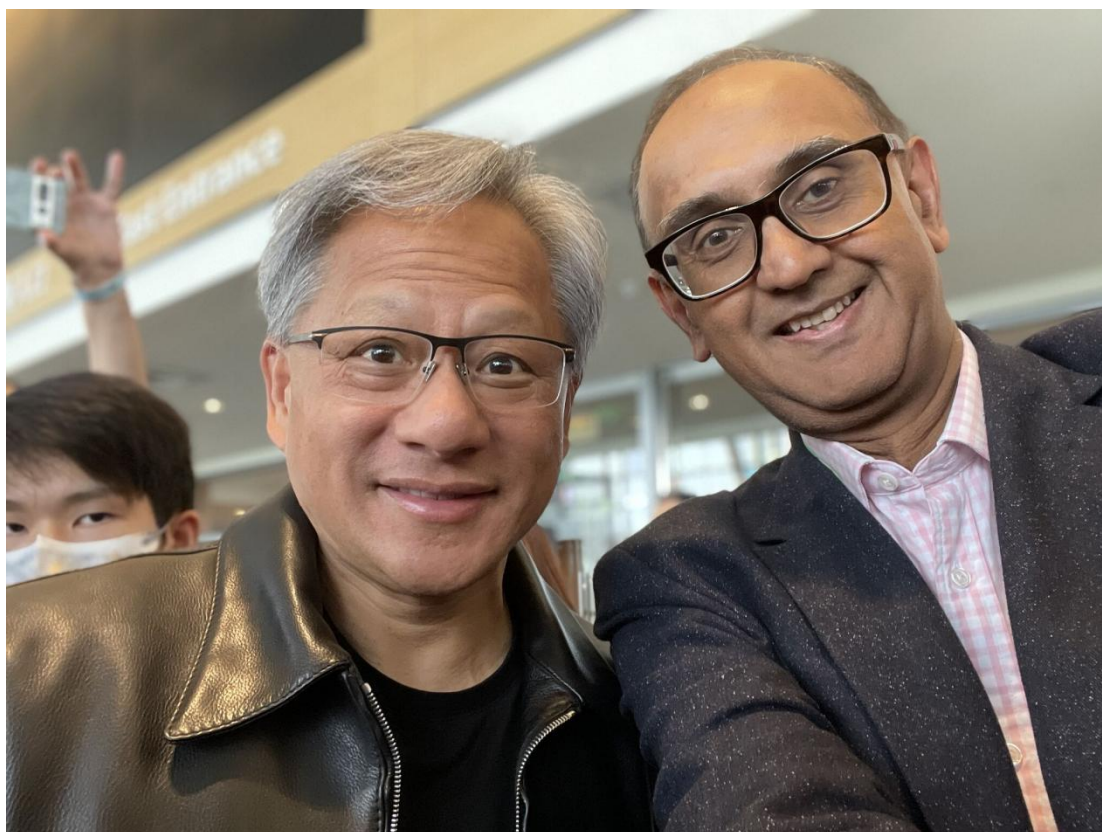
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Here's Thursday's daily video from EE Times | Electronic Engineering

游博士幸蒙在 2024Computex 採訪黃仁勳與 ARM 的執行長 Reen Haas 的 EE Times 資深記者 Nitin Dahad 的採訪。採訪後還將跟游博士的合影 PO 上他的 LinkedIn。這次 Computex & InnoVex 參展廠商將近 2000 家，他只採訪少數幾家類似 Nvidia 這樣知名的國外大廠跟國內少數幾家較有特色的廠商。



本公司今年推出以代理式 AI 賦能的小晶片整合技術應用於醫學影像的作品參加智慧創新大賞及晉級微軟公司舉辦的代理式 AI 黑客松比賽,今又將此技術成功地改成數位說故事產品及本公司其他產品，驗證本技術的通用性,藉以開發可應用於百工百業各種領域的平台。



頒獎字號 (Certificate No) 獎字第 114DOIIT 第 20631

入圍證明

組 別：IC 設計類 / 新創及中小企業組
作 品：代理式AI 賦能小晶片的同質異質整合技術的醫學影像ASIC
公司名稱：整合敘事學智慧數位說故事有限公司

入圍「2025智慧創新大賞」特頒此狀，以資證明。

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for being shortlisted as a finalist at the 2025 Best AI Awards

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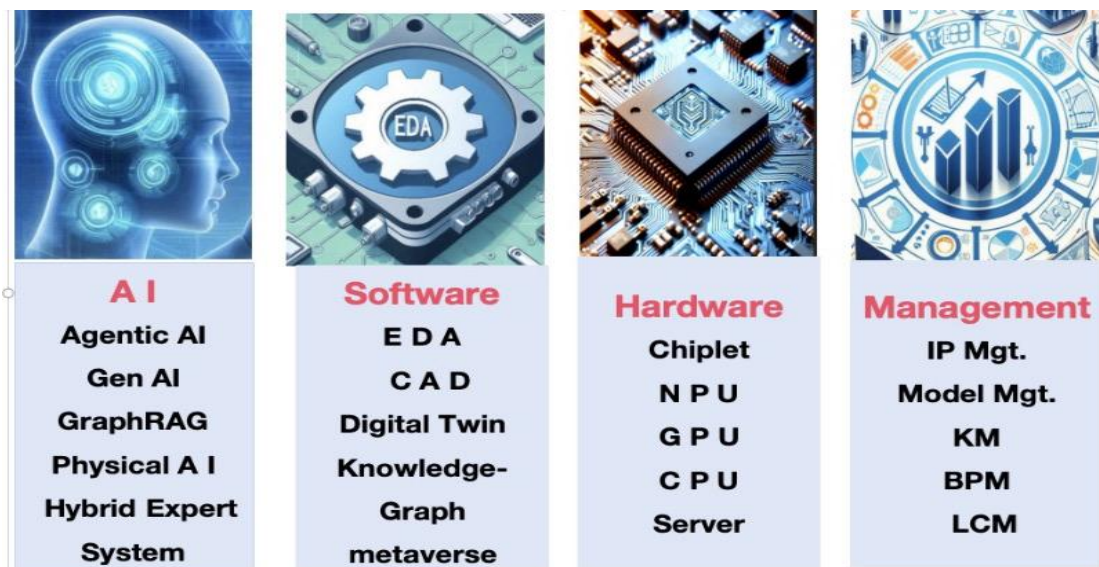
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本公司推理能力的代理式 AI 技術逐步邁向 AGI,計畫推出 AAGI-Agent AI 平台,利用此平台開發投行金融法律系統,股票分析系統,智慧 ESG , ICRM,ISCM,IPRM,智慧製造資源規劃,智慧財務規劃,智慧人力資源,法律專家系統,智慧應用數學,進而打造四位一體的生態系統,實現 AGI 的目標。