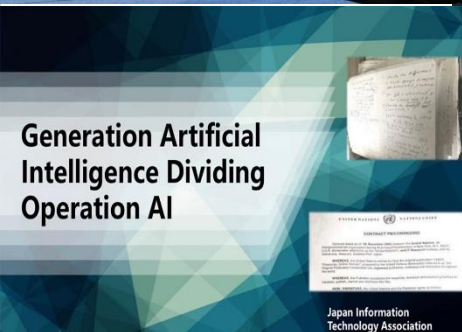




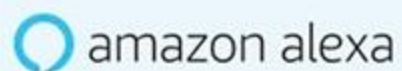
Heart AI:

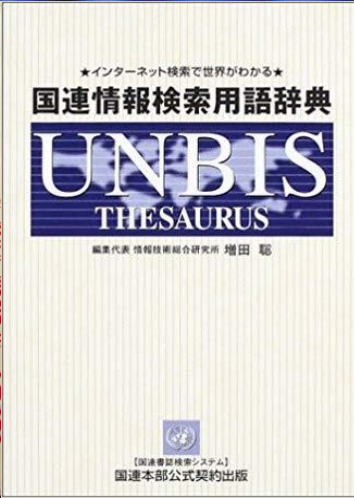
The Key to Leading the AI Agent Era

Institute of Information Technology
Japan Information Technology Association



Past Sponsors + Speakers





Japan Information Technology Association
一般社団法人 日本情報技術協会



- Alex Liu (Former IBM Chief Data Scientist, Harvard Advisor)
- SDGs Data Science Group
- Former Professor at Komazawa Women's University (Psychologist)
- Prof. Ishijima (Hosei Univ., Financial Services Agency)
- Prof. Inukai (Nihon Univ.)
- Prof. Arikawa (Chuo Univ.)
- Prof. Takita (Yamagata Univ.)
- Late Prof. Masuda (Toyo Gakuen Univ.)





"8.5 Million Questions and Answers Will Evolve AI–Human Dialogue" OKWAVE and the Japan Information Technology Association Form Business Alliance to Provide Q&A Data for Generative AI

April 7, 2025 (Monday) 08:00 AM

The Japan Information Technology Association (Headquarters: Minato-ku, Tokyo; Chairman: Satoshi Masuda, hereinafter "JITA") has entered into a business alliance with OKWAVE Inc. (Headquarters: Shibuya-ku, Tokyo; President & CEO: Hajime Sugiura, hereinafter "OKWAVE"), which operates community platforms including the Q&A service "OKWAVE," under the purpose of "accumulating and visualizing the stories of gratitude in society," to support the development of generative AI through the provision of Q&A data.

"Translate Japanese articles using ChatGPT"





Japan embraces AI to boost cyberde...



Funding AI technologies that can be used for cyberdefense appears to be the government's next step in achieving active cyberdefense capabilities.

Masuda noted that "Where the policymakers are not [AI] experts themselves, it is essential for policymaking bodies to understand the nature of AI and AI technology properly."



Satoshi Masuda holds a meeting on generative AI codes for legislators and government agencies at the National Diet Building in Tokyo on July 25, 2023. (Japan Information Technology Association)

AI-POWERED ARTILLERY COULD BRING DOWN COSTS, PRESERVE ENVIRONMENTAL DATA, EXPERT SAYS



Generative AI Code Meeting

Location: House of Councillors, 3rd Conference Room

Covered by: FOX NEWS

Participants: Ministries and Agencies on Generative AI Initiatives



UN Codes and Original Taxonomies

UNSPSC

UNBIS

UNCCS

100,000-
Sentence
Spoken
Language
Translation
Corpus for
MMM

Japan Information Technology Association
一般社団法人 日本情報技術協会



完了 4MIX-Sample.xlsx

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97	97	97	97	97	97
98	98	98	98	98	98
99	99	99	99	99	99
100	100	100	100	100	100



UNSPSC (United Nations Standard Products and Services Code)



UNSPSC serves as the core of a specialized internet index that opens the door to next-generation e-commerce, often referred to as the Fourth Industrial Revolution. By using UNSPSC, companies involved in the procurement of goods and services can systematize processes such as purchasing, logistics, delivery, inspection, payment, and inventory management. With cloud and big data technologies, electronic catalogs based on product types and geographical locations enable invisible flows of information across the internet. This makes it possible to optimally search for products and automatically identify both the products and their suppliers through a control system—something made possible by UNSPSC.

The United Nations code UNSPSC (United Nations Standard Products and Services Code) is an international classification system used to uniquely identify products and services. This coding system is utilized to consistently classify goods and services across various industries and sectors.

UNSPSC

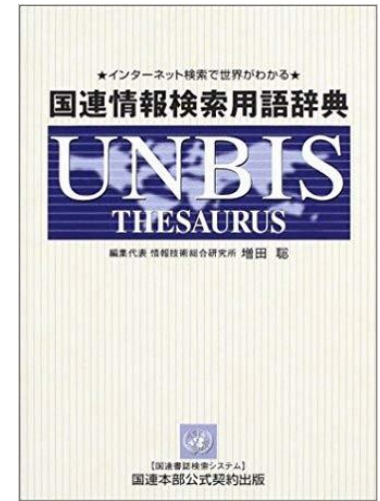
- segment
- family
- class
- commodity
- business function



UNBIS

Important for international information retrieval and semantic consistency

Google's translation engine used a corpus of approximately 20 billion words from United Nations documents, cross-analyzed original texts and their translations by UN translators, extracted translation patterns, and developed a translation expert system.



「人間の偽装を禁止せよ」

歴史学者ハラリ氏 AI時代の処方箋

"Ban Human Impersonation" Historian
Yuval Harari's Prescription for the Age of AI

The issue is not how to stop AI development, but how to proceed with it safely.

問題はAI開発をどう止めるかではなく
どう安全に進めるかです

人類史が証明する“協力と信頼”

歴史学者ハラリ氏 AI時代の処方箋

"Ban Human Impersonation" Historian
Yuval Harari's Prescription for the Age of AI

We have developed mechanisms to share facts and accept the rule of law.

事実を共有し 法律を受け入れる
メカニズムを発達させてきました

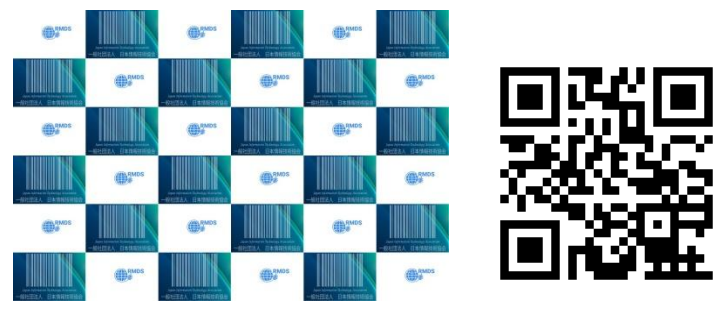
人類史が証明する“協力と信頼”

歴史学者ハラリ氏 AI時代の処方箋

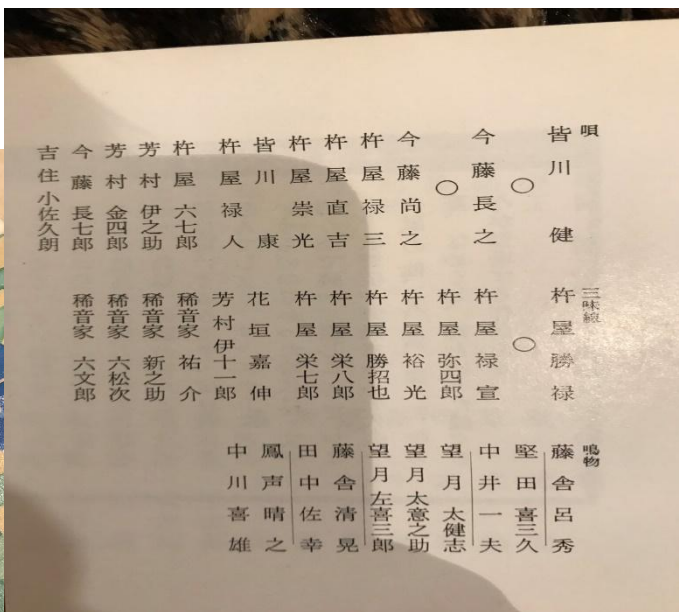
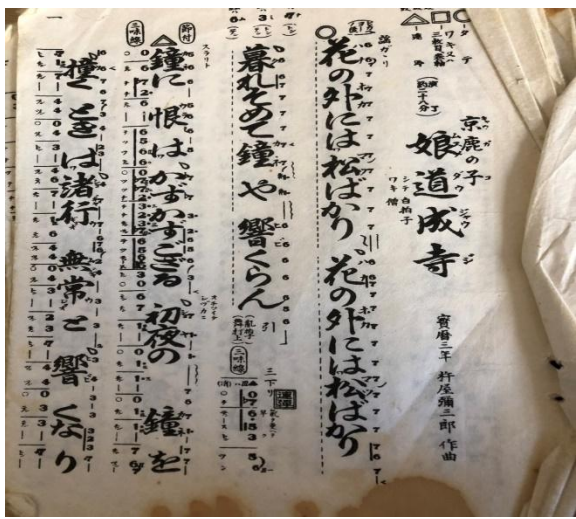
"Ban Human Impersonation" Historian
Yuval Harari's Prescription for the Age of AI

History has shown that upholding laws and rules is essential.

法と規則を守ることを
歴史が証明しているのです



稀音家六文郎(増田聡)
Kineya Rokubunrou(Masuda Satoshi)





Six Realms AI (including exchanges)

Heavenly Path AI

Human Path AI

Asura Path AI

Animal Path AI

Hungry Ghost Path AI

Hell Path AI

Three Good Realms: Heavenly, Human, Asura
Three Evil Realms: Animal, Hungry Ghost, Hell

The stage name “Kineya Rokubunrou” is derived from Rokumonsen (six coins of the afterlife) and Rokujizō (the Six Jizō Bodhisattvas).



ディスクリプターの展開例 (Example of Development in Description)

上記のディスクリプターの中から **CONTINUING EDUCATION** を例にとってみましょう。

CONTINUING EDUCATION ディスクリプター
11.04.00 - NON-FORMAL EDUCATION このディスクリプター-の属する分類番号-主題部門名

▼ Term Relationships: 用語の関連性
Broader terms: 広義用語 (より広義に用いられる用語)
ADULT EDUCATION
Related terms: 関連用語 (関連用語として用いられる用語)
CORRESPONDENCE COURSES
PROFESSIONAL EDUCATION
SUMMER SCHOOLS
VOCATIONAL EDUCATION
Top terms: 部門最上位語
EDUCATION

concrete example

- What is a neural network?
- Types of layers
- Learning mechanisms
- Architectures: CNN, RNN



A translation **corpus** of 100,000 spoken-language sentences for MMM, designed to analyze human emotions through multivariate analysis.

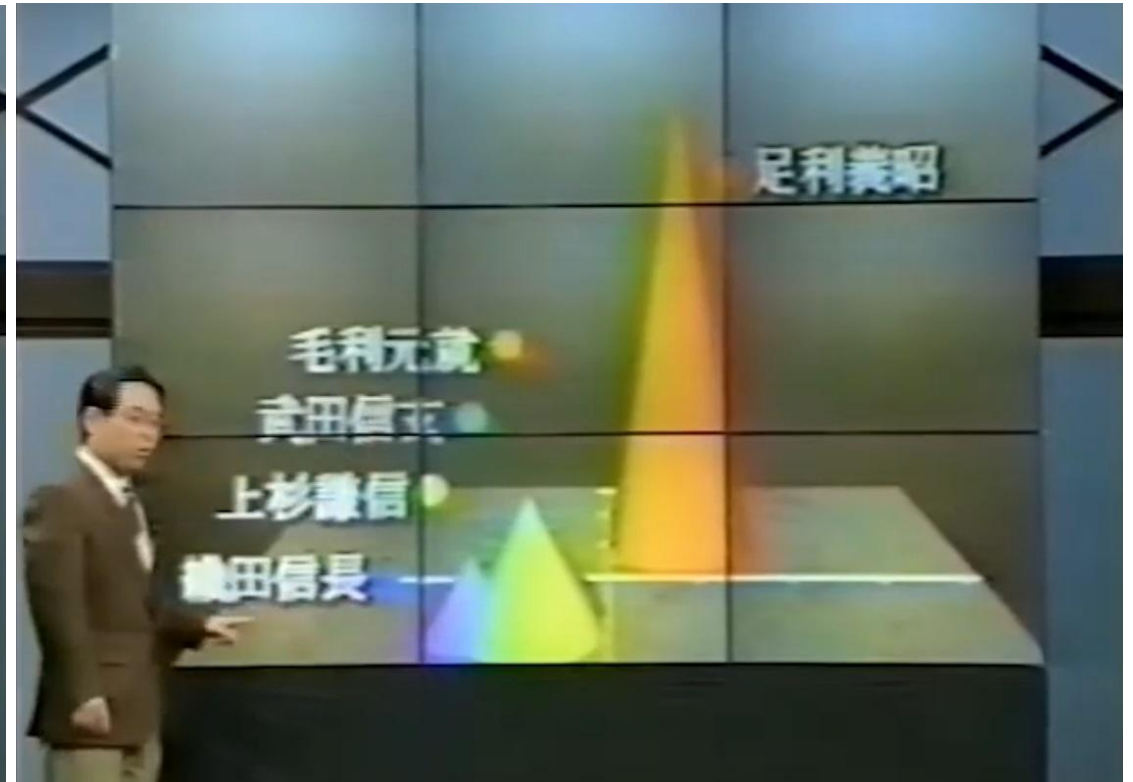
AGI, Misunderstanding (Ethnomethodology), Frames of Reference, Context, and Symbol



100,000-
Sentence Spoken
Language
Translation
Corpus for
MMM

The original general-purpose natural language code was developed over 20 years by Professor Shigeru Masuda, an expert in intercultural communication and international understanding education in the English literature department. He resolved the data-driven and variant annotation challenges essential for AI within a 100,000-sentence generation algorithm.

Quantify and perform multivariate analysis of human emotions



(Quantify and multivariate analysis of people's feelings)

<https://youtu.be/wpM53yL2qX0?t=384>

<https://www.itri.or.jp/>

Quantify and perform multivariate analysis of human emotions

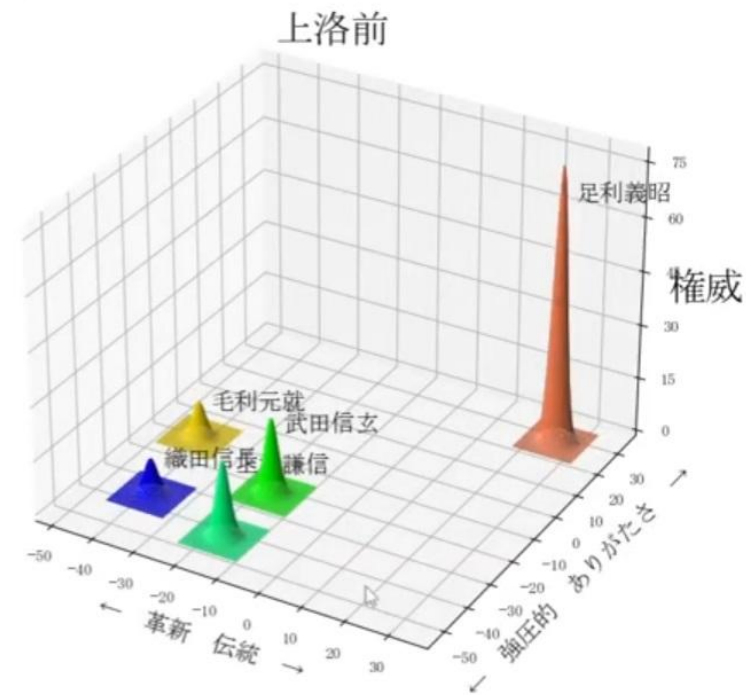
		人の気持ちを数値化する変数(パラメータ)							数値化した気持ち	
武将名	時点	畏怖	強制力	実行力	圧迫力	超越した権限	人心把握力	カリスマ性	正当性	伝統
織田信長	上洛前	1	1	1	1	1	4	1	1	1
足利義昭	上洛前	1	1	4	1	4	4	4	4	4
毛利元就	上洛前	2	2	2	2	2	3	2	2	2
武田信玄	上洛前	2	2	2	2	2	2	2	2	2
上杉謙信	上洛前	2	2	2	2	2	2	2	2	2
正親町天皇	上洛前	1	1	1	1	1	1	2	4	4
織田信長	上洛後	2	2	2	2	2	4	4	4	2
足利義昭	上洛後	1	1	4	1	4	4	4	4	4
織田信長	義昭包囲網	2	2	2	2	2	2	2	2	2
足利義昭	義昭包囲網	1	1	4	1	4	4	4	4	4
織田信長	天皇後ろ盾	3	3	3	3	3	4	4	4	3
足利義昭	天皇後ろ盾	1	1	4	1	4	4	4	4	4
正親町天皇	天皇後ろ盾	1	1	1	1	1	1	4	4	4
織田信長	びやくさつ後	3	3	3	3	3	4	4	4	2
足利義昭	びやくさつ後	1	1	2	1	2	2	2	2	4

chatGPTの感情数値化の状況
cahtGPT の現在(2023年2月13日ver.)の
変数(パラメータ) 7つ

喜び
怒り
(哀)悲しみ
楽しさ
自信
困惑
恐怖

権威

人の気持ちを多変量解析で数値化する
「権威」について



March 13–14, 2023

House of Representatives, 1st Bldg, Int'l Conf. Room

Theme: ESG, DX, Fintech, GPT Keynote

<https://www.youtube.com/watch?v=QI-ki7RQVI8&t=103s>

AI Agent for Credit Supervision via UNSPSC

(Multivariate analysis, probability quantification, triple bookkeeping)Used for financial institutions, credit assessment, investment benchmarksApplies to pricing models, marketing strategies, and cost-benefit analysis

AI Agent for SDGs Supervision via UNBIS

(Multivariate analysis, probability quantification, description layer)Targets 17 goals and 169 targets of the SDGsResolves international development issues

AI Agent for Non-Financial Disclosure via XBRL

(Multivariate analysis, probability quantification)ESG, sustainability reports, human rights risks, ethical consumption, etc.

Symbolic Analyst AI Agent

(Symbol coding, classification, logic, idea determination, SWOT, PEST analysis, causal inference, scenario analysis)Compatible with vector databases, RDMA ultra-high-speed data transmission

Japan's Revival: 7 AI Agents

AI Agent for AI Virtual Trading via UNCCS

(Multivariate analysis, probability quantification)AI-LLM, digital twin, commodity futures, ALLOY E-Agent

AI Agent for Quantifying Human Emotions via Multivariate Analysis

(Multivariate analysis, probability quantification)Classifies and quantifies emotional vectorsApplications in marketing, education, criminal profiling, cultural norms, etc.

AI Agent Translating the Essence of 100,000 Documents in MMM-Specific Spoken Japanese

(Corpus-based approach, ethnomethodology, frame of reference, context, multivariate analysis, probability modeling)

Probabilistic data for generative AIVector databases and ultra-high-speed data transfer via RDMA

Deterministic data that serves as a decision-making standard based on factual database contentUltra-high-speed data transfer via RDMA (ORACLE)

As expectations rise for AI trading markets in next-generation growth fields such as AI science, humanoids, semiconductor design technology, and responses to economic challenges, these 7 AI agents are designed to contribute to the promotion of next-generation industrial transformation by establishing support systems focused on these areas.

**RELIABLE DATA AS LISTED BELOW IS
ESSENTIAL FOR CUSTOMIZING AI.**

Language, culture, education, thought,
religion, humanities, philosophy, national
laws, EBPM, intellectual property, reliable
and certified official data, and code
systems, etc.

Instead of being program-driven, computers and AI agents should be driven by heart, code, and data.



It's like there are tens of thousands of Geoffrey Hinton's starting their own research now.



Geoffrey Dean, as if fused from 1.5 million demons.



Thank You



Institute of Information Technology



MasuMasuMasuda Project

Japan Information Technology
Association