

## 美利坚合众国其实叫 Joined together States ？

一次偶然的的机会，5GH 团队发现，有人使用“Joined together States”代替称呼美国（the United States），以便掩饰作者的抄袭行为，或者在期刊/出版商进行内容查重的时候降低重复率。学术社区给这种表达起了一个名字“Tortured Phrase”。

### Tortured Phrases on 10.1016/j.rechem.2024.101549

Examples, automated press have been witness to their clearly positive diagnosis, even diagnosis. They are programmed to memorize how to act unexpectedly with each quiet time through positive and negative inputs from the patients (Etzioni and Etzioni 2018). Understanding input to alter behavior could be a human-like capacity; fake insights have occurred and seem to offer assistance to patients with other diagnoses as they might feel a more comfortable connection without human nearness. In the exterior of the therapeutic world, it is pertinent to look at manufactured insights and protect missions.

Here calculations are utilized to overview the ethereal film of catastrophe zones to recognize rapidly where individuals are likely to be stranded (Etzioni and Etzioni 2018). Utilizing AI here gives casualties the next chance of being found. There are intelligent cameras, facial acknowledgment, and dreams for gadgets that can react to circumstances in order to list advanced illustrations of developing applications. There are numerous applications of counterfeit insights, but there remains much room for advancement. The innovation included in this range has boundless potential.

AI appears to complement the work of people, even though they state there is no denying that in a few businesses, economies, and parts – particularly those that include monotonous assignments – employment will alter or be eliminated. To supply a more particular piece of information, it was evaluated that in the over 29 nations analyzed, the share of employment at the potential hazard of robotization would be 1% by 2020. From a more financial point of view, the **joined together States** have been losing dominance in AI new companies to China, which plans to become a world pioneer of manufactured insights by 2030. More particularly, the US had 77% of value bargain offers in 2013 compared with the more minuscule 50% in 2017 (Chaturvedi 2018). Although still a strong sum, the Chinese advancement of AI appears to be overtaking US endeavors. The spar over AI may be a future slant that is likely to proceed over its advancement, as the potential of this innovation is boundless.

Innovation companies such as Amazon, Microsoft, and Letter set have all started to contribute new businesses in manufactured insights in an effort to progress computer security. Also, Palo Alto Systems, Fortinet, and Cisco Frameworks are all within the race to develop AI instruments. This can be since counterfeit insights have become a prevalent usage in cybersecurity items, which includes protective layers. In his proficient conclusion, Eric Jang states that he accepts profound intellect to be the number one company to investigate counterfeit insights, taken after by Google, Facebook, Open AI, and Baidu. The planned capabilities of fake insights have been recognized by numerous companies and are still being executed by more. A Story Science study found 84% of undertakings will be utilizing AI by the end of the decade (TATA 2017).

The run of manufactured insights that capacities can perform is exceedingly valuable for companies in all sorts of businesses. The case of mechanization innovation is not as it was being actualized by Tesla but is now also by Uber, Volkswagen, Lyft, and Waymo. Tesla harnesses to be

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plants creating roughly 30 billion cubic meters per year (more than half of the world's add up to) and 63,504GW-hours biogas-derived power in 2018. Around 74% of biogas produced in Europe comes from anaerobic absorption of agrarian buildups, fertilizer, and vitality crops; 17% comes from landfills; and 9% comes from wastewater treatment plant slime. In 2015, European biogas was basically utilized to create 61 tera watt-hours of power and 127 terajoules of warm (50% biogas utilization). Also, Europe is the world's biggest maker of biomethane utilized as a transportation fuel, with 697 biomethane filling stations providing 0.16 billion cubic meters of biomethane to vehicles in 2015 as a transportation biofuel. On a territorial scale, Germany, China, and the Joined together States are the biggest biogas-producing nations, with 328 picjoules, 272 picjoules and 156 picjoules, individually. In general, Germany leads Europe's biogas division with 10,971 large-scale plants, taken after by 1665 biogas plants in Italy, 742 in France, 632 and 613 plants in Switzerland, and the **joined together Kingdom**, separately (EBA 2019). Also, 110,448 biogas operations in China, of which 6972 large-scaled (2015), 2200 anaerobic biogas plants with 977 megawatts introduced capacity within the Joined together States, 180 digesters in Canada with 196 megawatts introduced capacity, and 300 megawatts introduced biogas capacity in India [127].

#### 15. The economic evaluation of biogas production from food waste

A preparatory financial think about was performed in this to assess the financial possibility of introducing an anaerobic digester unit to prepare nourishment squander delivered from the case study (Fahud camp). The most concept is the substitution of LPG with biogas, where reserve funds can be accomplished. Bhatt and Tao considered the financial viewpoints of biogas generation by means of Advertisement at diverse office scales. It is imperative to note that on the off chance that nourishment squander is prepared at higher plant scales this eventually reduces the generally fetched through economies of scale. This will be accomplished through the development of a controlled

在过去的几年间，全球学术社区通过现代计算机技术等手段，在已发表的论文中检测出大量的“Tortured Phrase”，可谓之“层出不同”。然而，“Tortured Phrase”的出现，除了展现出部分人试图通过学术不端获利的企图，也展现出出版商/期刊应对能力的不足。

事实上，遭受“Tortured Phrase”困扰的绝不仅仅是独立出版商，或者小出版商。5GH 团队经过检测发现，全球四大学术出版商都有论文或者图书章节出现了“Joined together States”。其中，出现在 Springer Nature 旗下期刊论文或者图书章节的最多，达 15 篇。

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尽管 15 篇看着是一个很小的数字，但考虑到数量巨大的 “Tortured Phrase”，全球学术出版商受到影响的论文/图书章节数量可能同样巨大。这些 “Tortured Phrase” 本应在同行评议，以及期刊的编辑过程中被发现，但却出现在最终的出版之中，不禁让学术社区对这些头部出版商的编辑流程产生担忧。

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