News Review

Computer Technique: First Machine-generated Scientific Book

Per year worldwide approximately 2.5 million scientific articles are produced, a quantity of texts which the researchers can scarcely keep in sight. Now computer media should help the artificial intelligence. In April 2019 Springer Nature published the first complete machine-generated books. The software Beta writer analyzed more than 50000 technical treatises on the theme "Lithium-ion-batteries and composed. The contents to a condensed a little more or less 280 pages in a comprehensive issue with the title Lithium-ion-batteries – a machine-generated summary of current Research.

The fully automatic text production in science has enormous potential not only the research results can be quickly evaluated but also to recognize new scientific interrelation and is hidden to make public place. Also big challenges stand opposite to the new chances. As for example the excitability of the results or with that further rising text volumes in case after robots write in order to hold with it quickly growing information spread in the science progress to hold in space.

Autonomous Drive

Small buses drive already in pilot projects highly automated on the roads. In Germany mostly the vehicles manufactured by Easy mile and Navya are on the streets. Behind these there are the undertakings such as Automobile Suppliers Continental and Valeo as also French Railways undertaking. The small buses know and observe their surrounding and travel electric driven as on virtual rails exactly along the roadways. One human operator is still on board but does not caution on the street traffic. Only in individual cases he controls the bus manually with a Joystick.

Beyond 2020 a joint undertaking (concern) of Automobile suppliers ZF Friedrichshafen AG and the Aachen Street Scooter GmbH, which manufacture electrical supply wagon for DHL the electrical self driving e.Go. Mover produces. It should reach 70 km/hour and can transport 15 passengers, thus more than the French small buses with maximum 8 passengers. The next step would be a highly automated production stages city road bus with high capacity as Daimler already once in 2016 as "Future Bus" demonstrated to it in Amsterdam. Certainly straight for the flexible fine division in 'on demand traffic', the highly automated small buses still get on well in the world.

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