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Generative Pre-trained Transformer　　　　　　　　　　　　　　"③

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① S.C.Shapiro.Encyclopedia of Artificial Intelligence Hoboken Wiley Publishing Group 1990 363.

② H.Ruthrof. The Roots of Hermeneutics in Kant's Reflective-Teleological Judgment Switzerland Springer 2023 93.
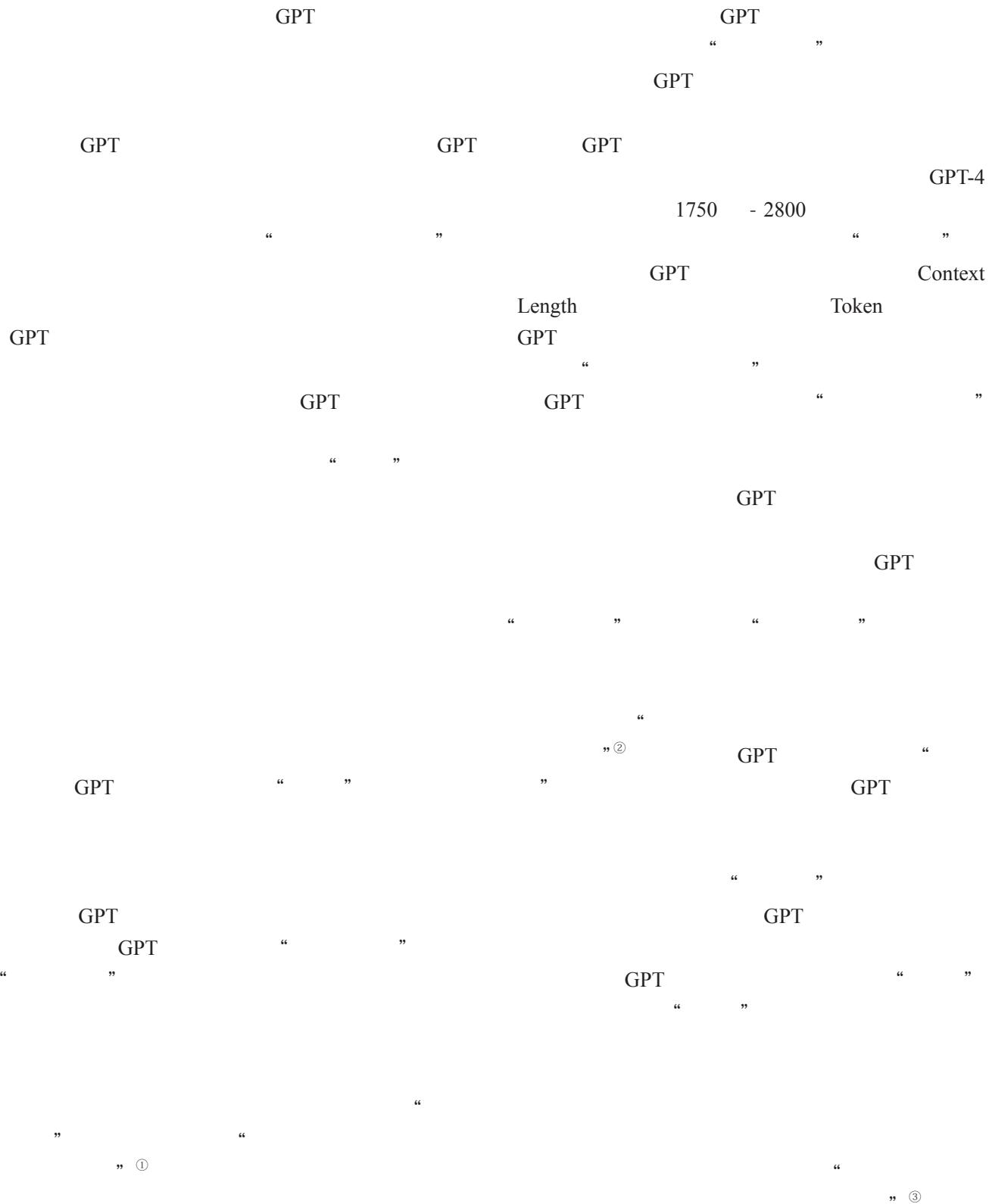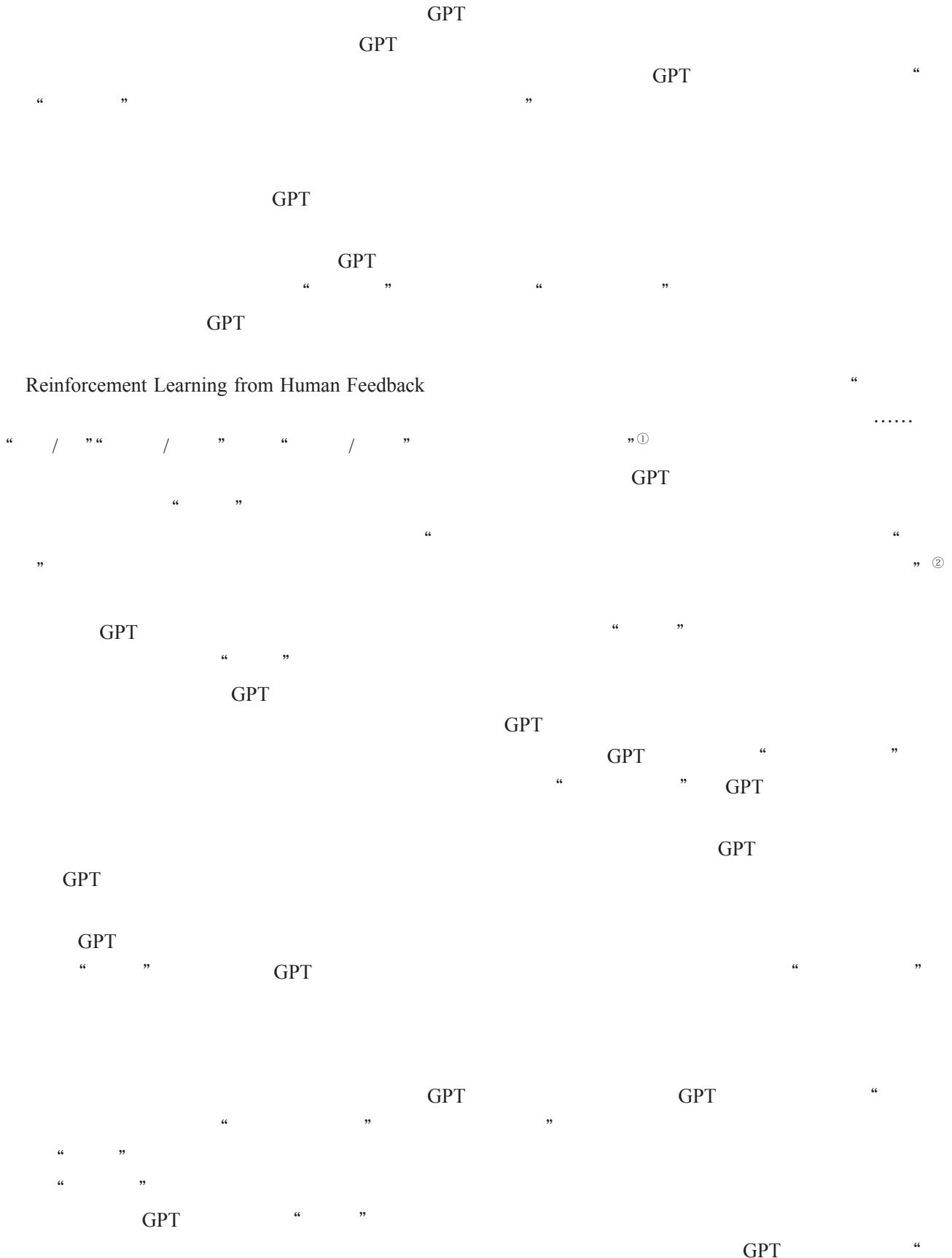
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③ Min Zhang Juntao Li. A Commentary of GPT-3 in MIT Technology Review 2021 Fundamental Research 2021 6
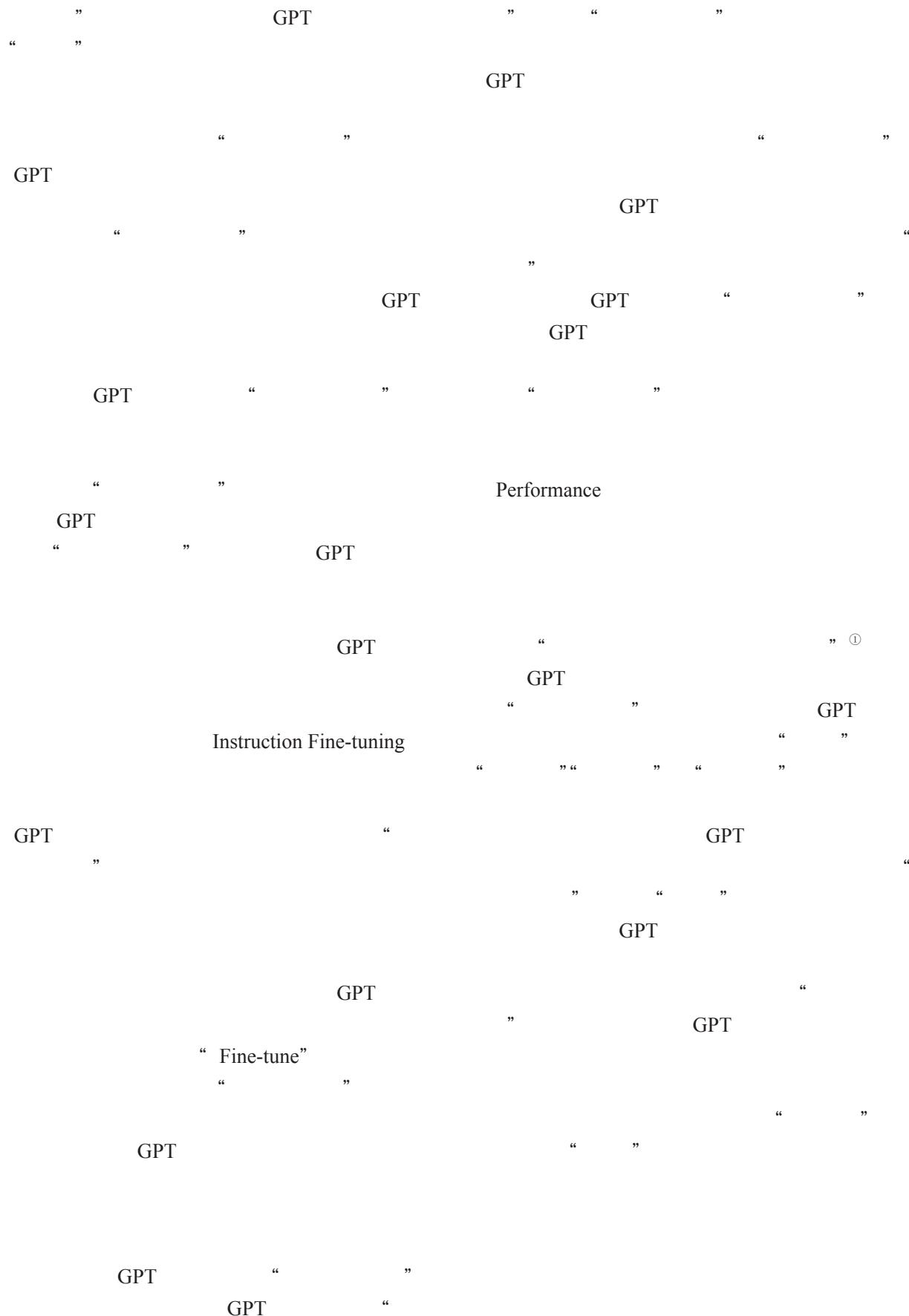   832.

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① A.K.Gangadean. Between Worlds　The Emergence of Global Reason　Pieterlen　Peter Lang International Academic Publishing Group　1998　94.
② Mathias Risse. Political Theory of the Digital Age　Where Artificial Intelligence Might Take Us　Cambridge　Cambridge University Press　2023　x.

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② Paul S. Chung. The Hermeneutical Self and an Ethical Difference London James Clarke & Company Limited 2012 65.

③ B.H.McLean. Biblical Interpretation and Philosophical Hermeneutics Cambridge Cambridge University Press
    2012 184.

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Reinforcement Learning from Human Feedback "

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The design idea of the GPT language model embodies the hermeneutic thinking characteristics of natural language understanding but in essence the model does not have the humanistic basis of hermeneutic language" understanding". The GPT language model regards" intelligence" as the result of the emergence of a holistic system using language as a medium at the ontological level but the model still lacks" ontology-subjectivity" status and" ontology-integrity" structure in the hermeneutic sense. The" generative" and" pre-training" design ideas adopted in the GPT language model highlight the" historical" characteristics of hermeneutic understanding and interpretation while the strengthening of data training and the dialogue mechanism of" thought chain" make the model possess the" understanding" characteristics of" effective history" and" fusion of horizons". The GPT language model has made some progress in simulating human" biased" cognition but there are still fundamental differences compared to human" biased personalization" and" biased creativity" abilities. The GPT language model forms a linguistic" dialogue" mechanism of" hermeneutic cycle" but it does not have its own independent practical basis of" hermeneutic cycle" making it difficult to reach a" consensus" of language understanding in the hermeneutic sense.

Hermeneutics Artificial Intelligence Understanding Dialogue Natural Language

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[责任校对：李　蕾]

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① S.C.Shapiro. Encyclopedia of Artificial Intelligence Hoboken Wiley Publishing Group 1990 374.