

Abstract Submitted  
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**Less Mundane Explanation of Pioneer Anomaly from Q-Relativity** FLORENTIN SMARANDACHE, University of New Mexico - Gallup, VIC CHRISTIANTO, Sciprint.org — There have been various explanations of Pioneer blueshift anomaly in the past few years; nonetheless no explanation has been offered from the viewpoint of Q-relativity physics. In the present paper it is argued that Pioneer anomalous blueshift may be caused by Pioneer spacecraft experiencing angular shift induced by similar Qrelativity effect which may also affect Jupiter satellites. By taking into consideration “aether drift” effect, the proposed method as described herein could explain Pioneer blueshift anomaly within  $\pm 0.26\%$  error range, which speaks for itself. Another new proposition of redshift quantization is also proposed from gravitational Bohr-radius which is consistent with Bohr-Sommerfeld quantization. Further observation is of course recommended in order to refute or verify this proposition.

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