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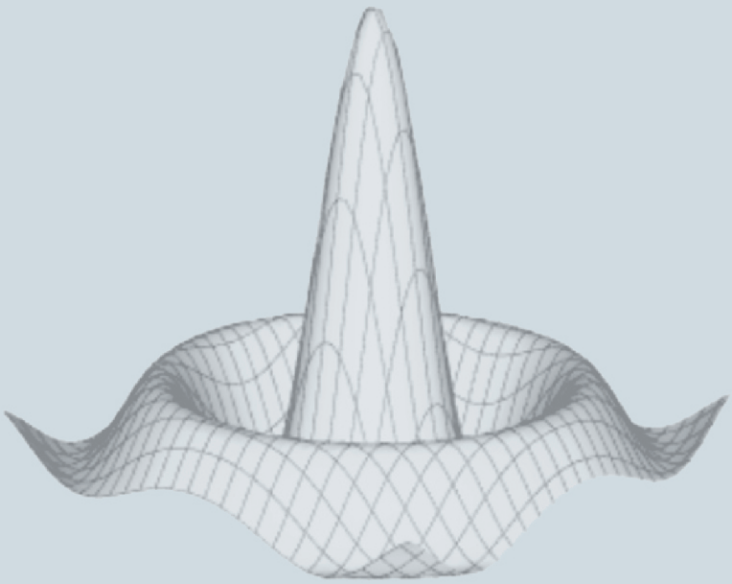

$$\frac{\sum_{n=0}^{\infty} q^{5n^2+4n}\frac{1+q^{5n+2}}{1-q^{5n+2}} - \sum_{n=0}^{\infty} q^{5n^2+6n+1}\frac{1+q^{5n+3}}{1-q^{5n+3}}}{\sum_{n=0}^{\infty} q^{5n^2+2n}\frac{1+q^{5n+1}}{1-q^{5n+1}} - \sum_{n=0}^{\infty} q^{5n^2+8n+3}\frac{1+q^{5n+4}}{1-q^{5n+4}}} = \left(\frac{1}{1+}\frac{q}{1+}\frac{q^2}{1+}\frac{q^3}{1+}\frac{q^4}{1+\ldots}\right)^3.$$

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He has delivered a series of video undergraduate level class room lectures under a U G C project which have been telecast on the national channel of Door Darshan class room teaching programme. The most remarkable contribution of Prof. Denis is the generalization of most of the results of Ramanujan on continued fractions and q- series. The generalization of the most remarkable result of Ramanujan involving Lambert Series and continued fraction is also credited to Prof. Denis. This fact has been duly acknowledged by Prof .George Andrews and Prof Bruce Berndt in their recently published book "Lost Notebook of Ramanujan ,Part I p.116-117,Springer (2005)".

Prof. Denis is the President of "Indian Society of Mathematics and Mathematical Sciences", Patron in Chief of the "South East Asian Journal of Mathematics and Mathematical Sciences", member of the Editorial Board of several national and international journals. He has published more than 250 Letters, Comments and articles relating to National Integration, Education, Social reforms and Social justice based on Social issues and Human rights in National Newspapers, Bulletins and Journals. Prof. Denis has been the National President of "All India Catholic Union" (2008-2013). He has been member of Mathematical Sciences Panel of UGC (1997-2000), Commission of Education and Culture, Catholic Bishops Conference of India CBCI, New Delhi (1987-1997), Minorities Commission UP (1987-1990), Executive Council and Board of Governors, Allahabad Agricultural Institute Deemed University (2000-2004). Prof. Denis has worked as the Director, U.G.C Coaching Center for Minorities at Gorakhpur University (1992-1999), Organizing Secretary of National Symposium on Special Functions and their Applications held at Gorakhpur University (1986), Organizing Secretary, East Zone All India Inter Varsity Hockey Tournament 1979, Communication In charge, Ramanujan Birth Centenary Annual Conference IMS 1987.

Prof. Denis besides being an excellent academician has been an outstanding football player and represented Gorakhpur University. He is also a very good management and leadership trainer.

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