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	An Inequality About \$_3phi_2\$ and its Applications
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Abstract:	In this paper, we use the terminating case of the q -binomial formula, the q -
	Chu-Vandermonde formula and the Grüss inequality to drive an inequality about $_{3}\phi_{2}$. As applications of the inequality, we discuss the convergence of
	some q -series involving $_{3}\phi_{2}$.
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