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## On integral inequalities of Gronwall-Bellman-Bihari type in several variables

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### Abstract:

We present some new results on the linear and non-linear integral inequalities of Gronwall-Bellman-Bihari type to  $n$ -dimensional integrals with a kernel of the form  $k(x, t)$  where  $x$  and  $t$  are in  $S \subset \mathbb{R}^n$ .

These inequalities extend and compliment some existing results in the literature on Gronwall-Bellman-Bihari type inequalities.



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