

## SOME NEW INEQUALITIES WITH APPLICATIONS

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In this talk, we use the Riemann-Liouville fractional integrals, to establish some new inequalities of  $Q_i$  type . For our results [1], [2], some classical inequalities can be deduced as some particular cases. Some applications are also presented.

### References

- [1] Z. Dahmani, L. Tabharit, *Certain inequalities involving fractional integrals*, Journal of Advanced Research in Scientific Computing, Volume 2, Issue 1, (2010) pp. 55-60.
- [2] Z. Dahmani and S. Belarbi, *Some Inequalities of  $Q_i$  Type Using Fractional Integration*, IJNS, (2011), in press.