

Hardware real-time data processing using discrete cosine and sine transforms

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I. INTRODUCTION

why fft is used and so common but we are only using real values...fft is kind of overkill actually long history of dct (cite old papers) this is kind of processing upstream of AI we have these two why we will investigate fast ways to do this in sensor side FPGA why cookiebox cares and why fusion cares

II. METHODS

how dct can be formulated as rapid implementation pretend even function

III. RESULTS