Description of the Filter

Patrice Quinton

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1 Introduction

This document explains the operation of the filter as it is generated by MMALPHA.

2 The Outmost Component

Its inputs are x, w and its output is y. Coefficients x are read in variable xXMirr1[t,p], and we have xXMirr1[t,p] = x[t], for t = 0,1,..., which means that the x coefficients are input at time corresponding to their indexes.

Coefficients w[k] are read in variable TSep1[t,p] for $1 \le p \le 33$, and we have TSep1[t,p] = w[t-35], Thus, all coefficients w are read simultaneously in all processors... which is not good.