

	Original directives	No pragma	loop_flatten_on	loop_flatten_II_2	no_dependence
Estimated Clock (ns)	4,2	4,35	5,25	4,2	4,2
Uncertainty (ns)	0,62	0,62	0,62	0,62	0,62
cycle time (ns)	5	5	5,25	5	5
total cycles	22	16	28	29	23
init	2	2	8	8	2
outer loop	20	14	20	21	21
inner loop	19	13	N/A	N/A	20
pipelining outer	no	no	yes	yes	no
pipelining inner	yes	no	N/A	N/A	yes
Initiation Interval	1	14	1	2	1

Table 1: Analysis Data

	no_pipeline	only dependence	only loop flattening	only pipelining	only pipelining II 2
Estimated Clock (ns)	4,35	4,35	4,35	4,2	4,2
Uncertainty (ns)	0,62	0,62	0,62	0,62	0,62
cycle time (ns)	5	5	5	5	5
total cycles	17	16	22	31	31
init	2	2	8	8	8
outer loop	15	14	14	23	23
inner loop	14	13	N/A	N/A	N/A
pipelining outer	no	no	no	yes	yes
pipelining inner	no	no	no	no	no
Initiation Interval	15	14	14	2	2

Table 2: Analysis Data Continued