

ARM\_target:

add	w1,	w1,	w0
and	w1,	w1,	w2
sub	x3,	x3,	x4
cbnz	x3,	ARM_target	

a) 原始ARM片段

LA\_target:

ADD.W	Rw1,	Rw1,	Rw0
<del>BSTRPICK.D</del>	<del>Rw1,</del>	<del>Rw1,</del>	<del>#31,</del> #0
AND.W	Rw1,	Rx1,	Rw2
<del>BSTRPICK.D</del>	<del>Rw1,</del>	<del>Rw1,</del>	<del>#31,</del> #0
SUB.D	Rx3,	Rx3,	Rx4
BNE	Rx3,	R0,	LA_target

b) 原始翻译片段

LA\_target:

ADD.W	Rw1,	Rw1,	Rw0
<del>BSTRPICK.D</del>	<del>Rw1,</del>	<del>Rw1,</del>	<del>#31,</del> #0
AND.W	Rw1,	Rx1,	Rw2
<del>BSTRPICK.D</del>	<del>Rw1,</del>	<del>Rw1,</del>	<del>#31,</del> #0
SUB.D	Rx3,	Rx3,	Rx4
BNE	Rx3,	R0,	LA_target

c) 基本块内优化

LA\_target:

ADD.W	Rw1,	Rw1,	Rw0
<del>BSTRPICK.D</del>	<del>Rw1,</del>	<del>Rw1,</del>	<del>#31,</del> #0
AND.W	Rw1,	Rx1,	Rw2
SUB.D	Rx3,	Rx3,	Rx4
BNE	Rx3,	R0,	LA_target
<del>BSTRPICK.D</del>	<del>Rw1,</del>	<del>Rw1,</del>	<del>#31,</del> #0

d) 基本块间优化