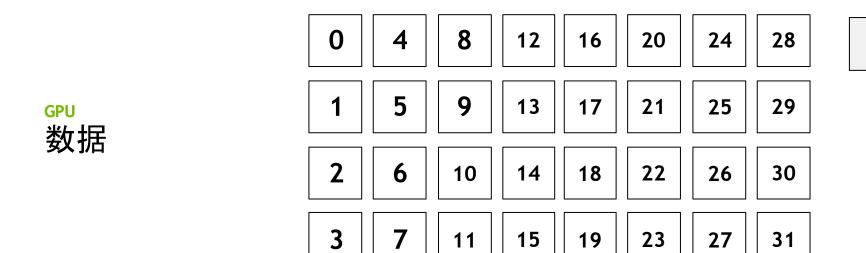


加速计算基础 —— CUDA Python

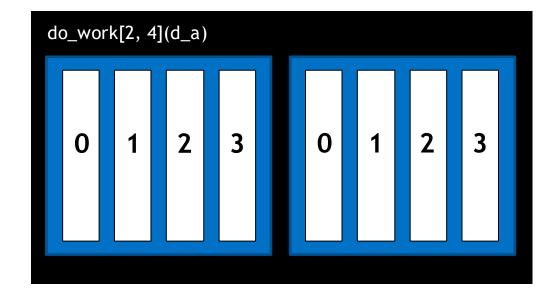




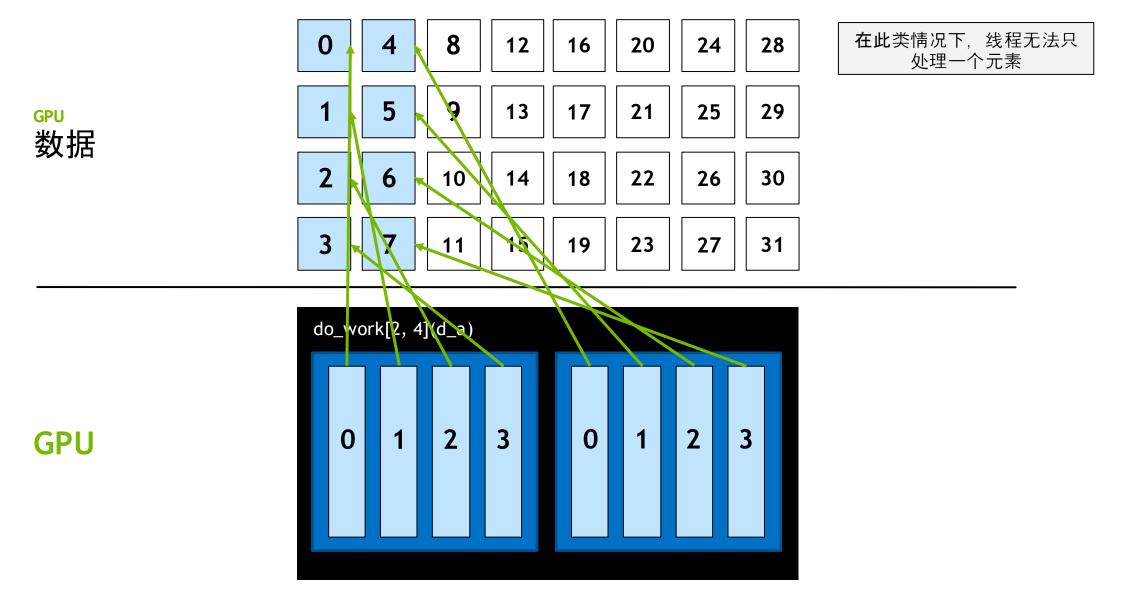


数据元素数量往往会大于 网格中的线程数量

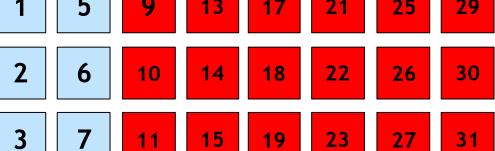


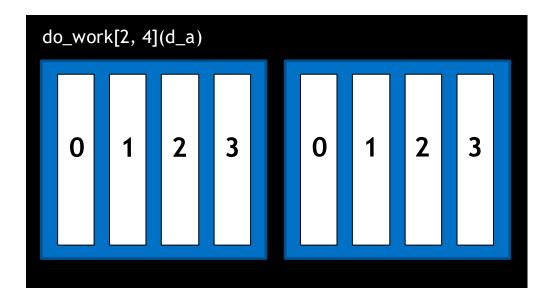


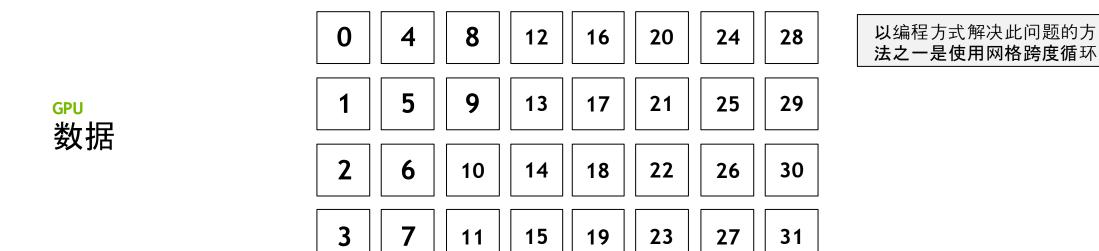


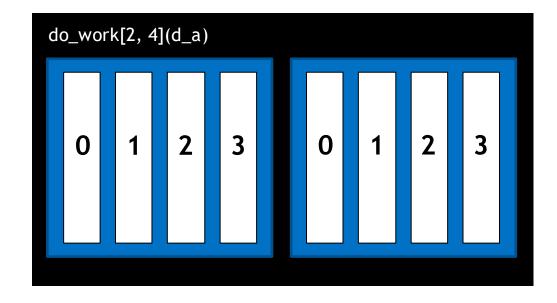


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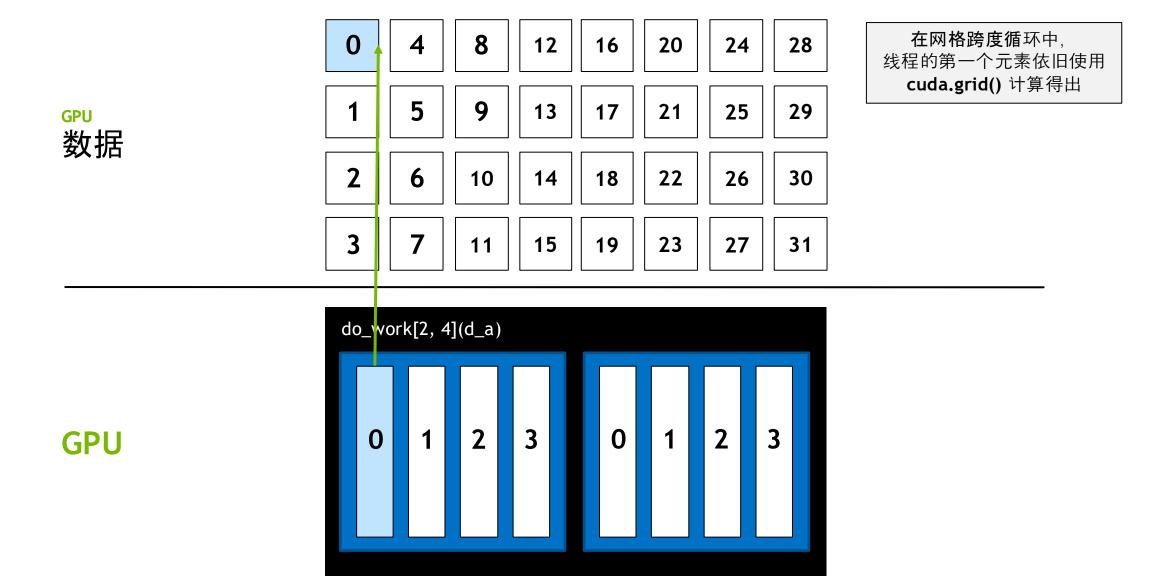




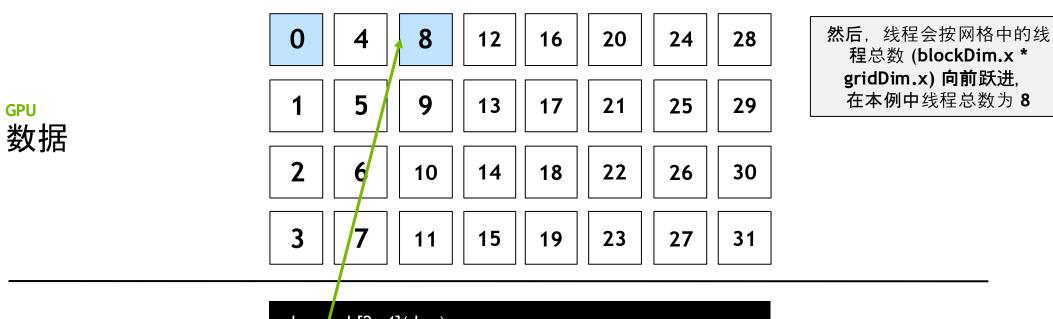


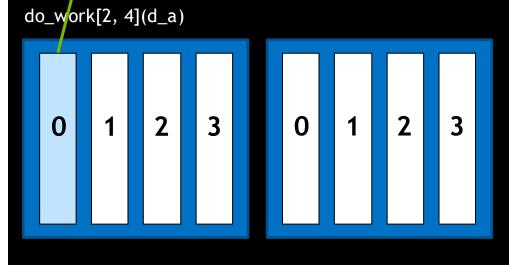




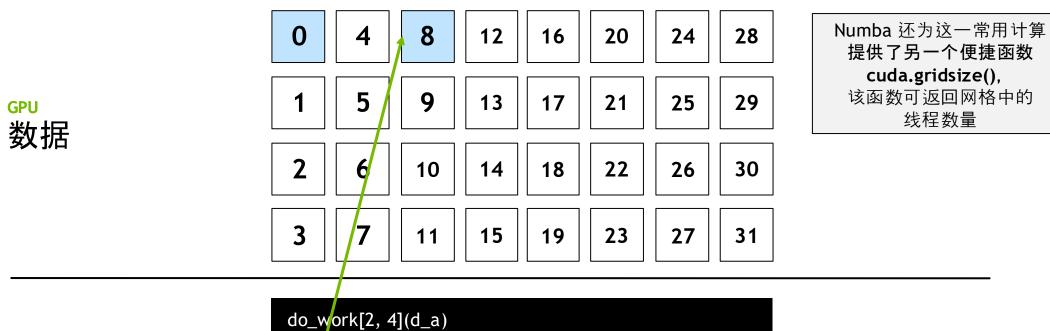


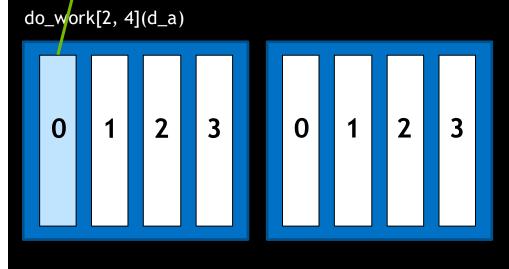




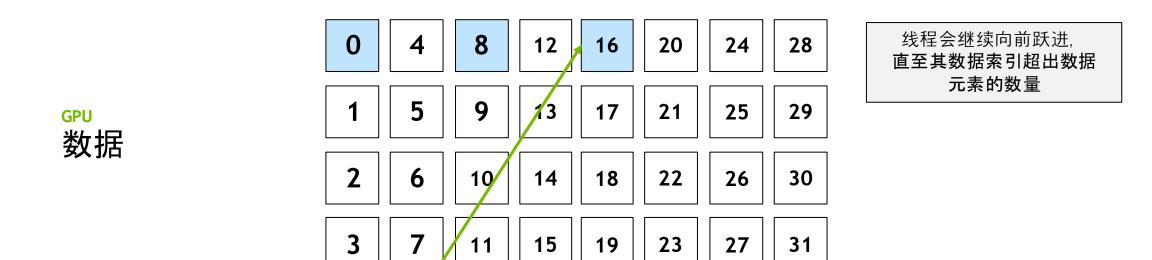




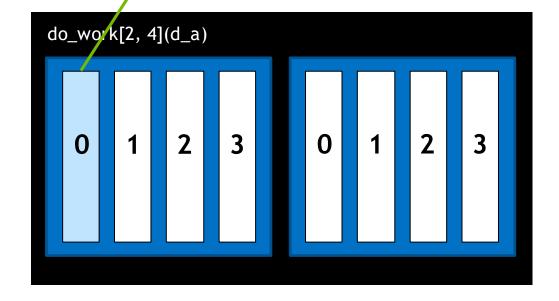




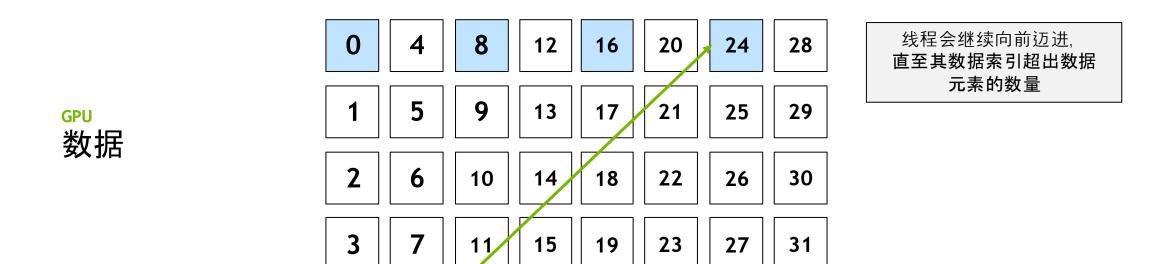




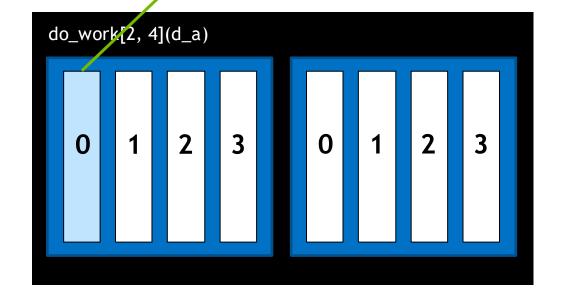




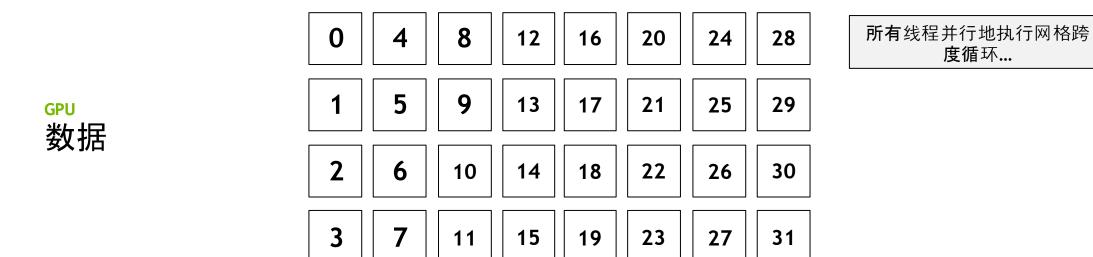


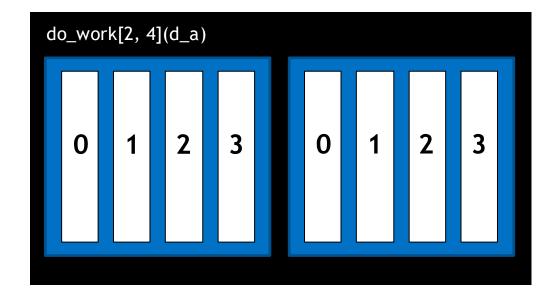






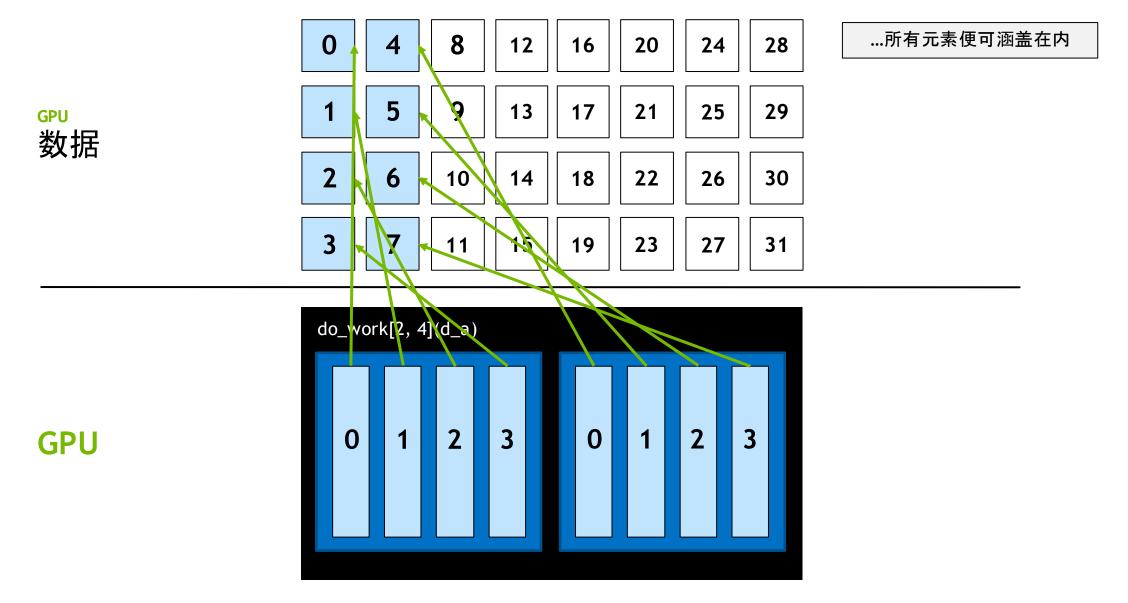


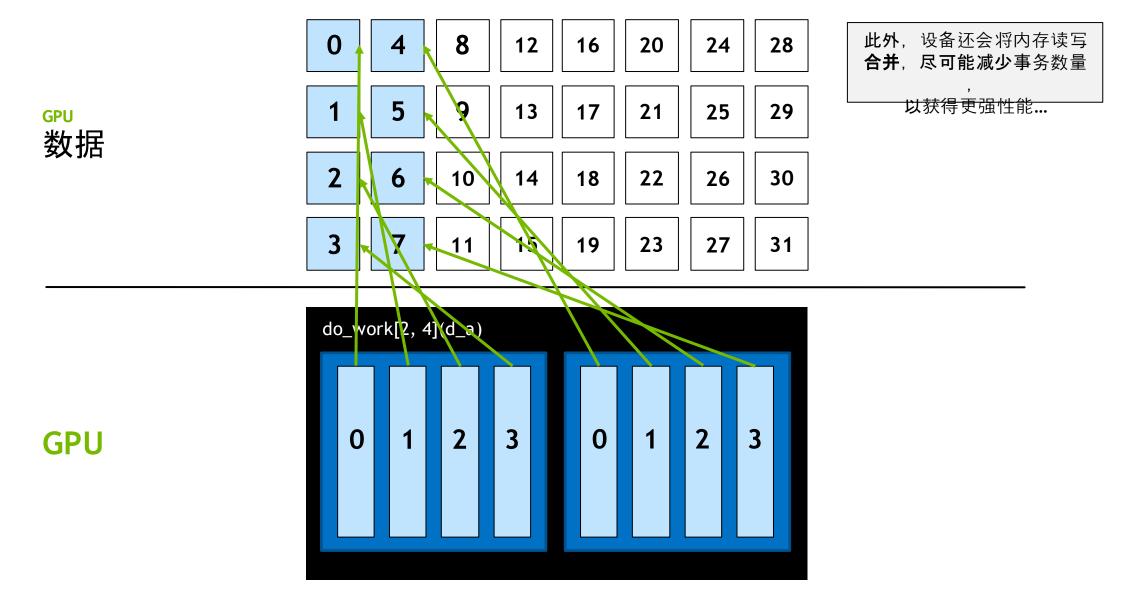


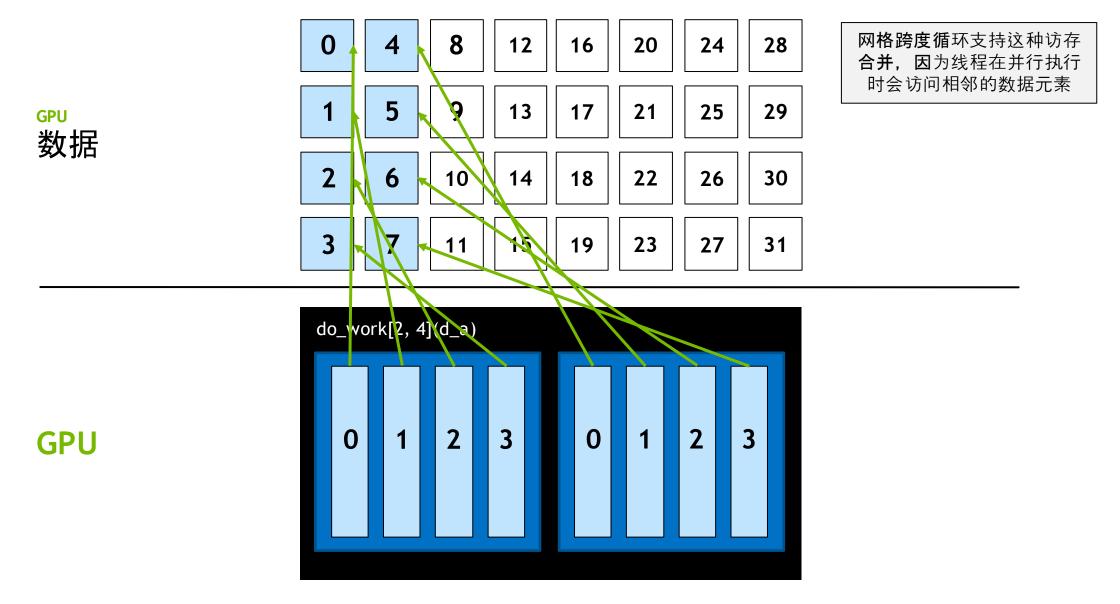


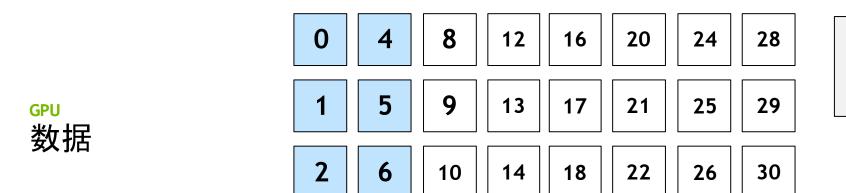


度循环...





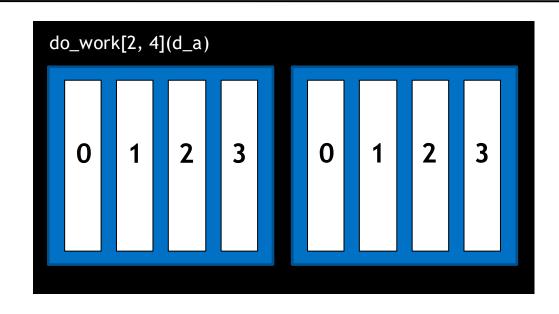




3

若所有线程均按此种方式 执行,所有元素便可覆盖在 内,同时还可尽享访存合并 所带来的性能优势





15

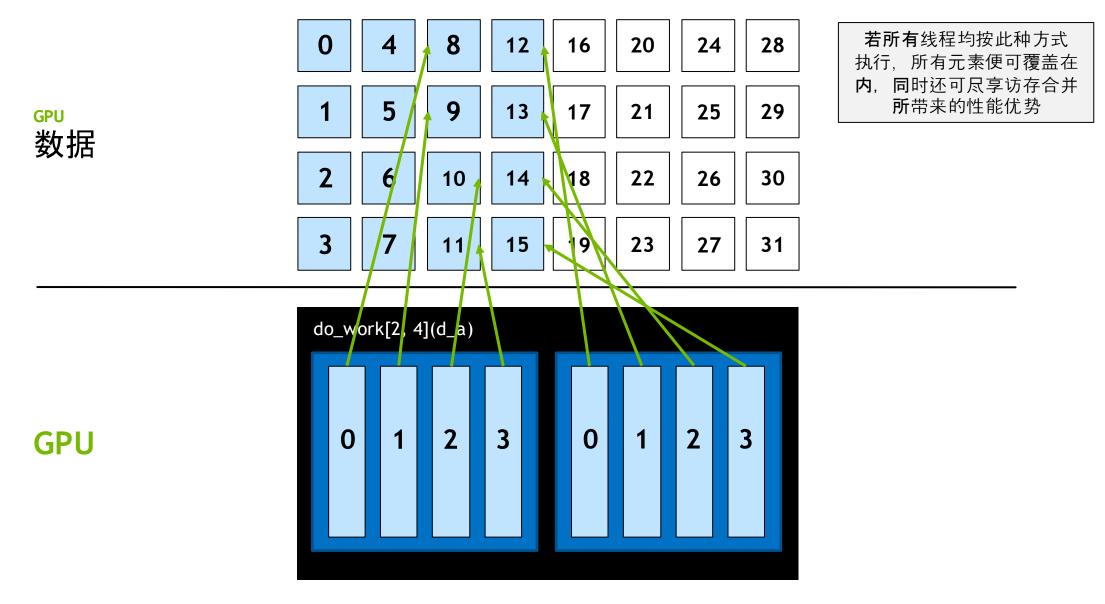
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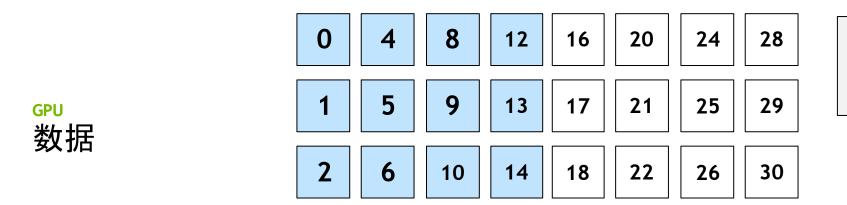
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31

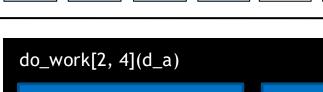






3

若所有线程均按此种方式 执行,所有元素便可覆盖在 内,同时还可尽享访存合并 所带来的性能优势



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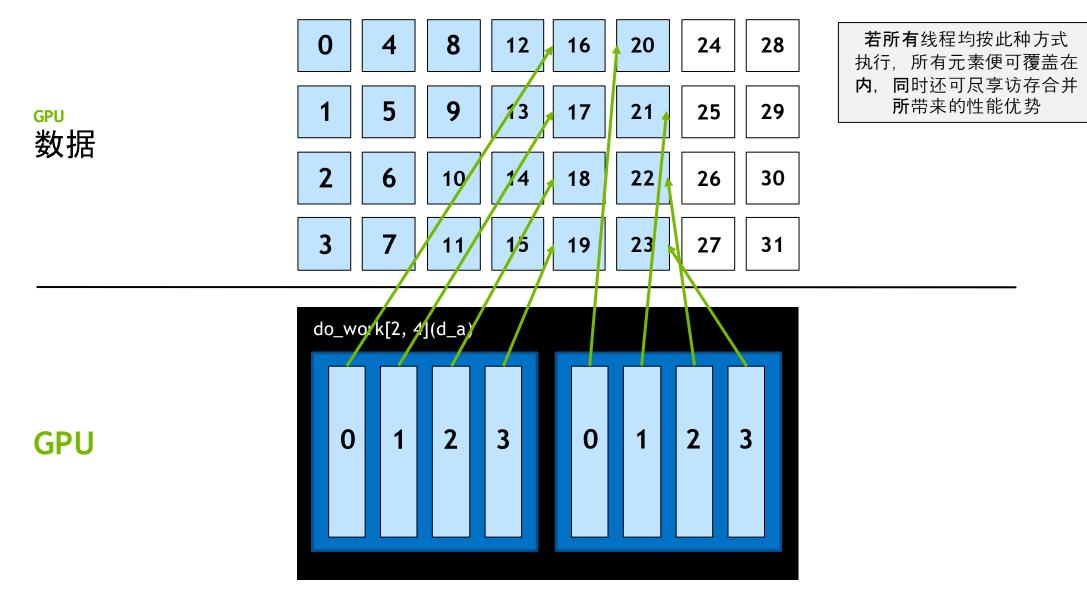
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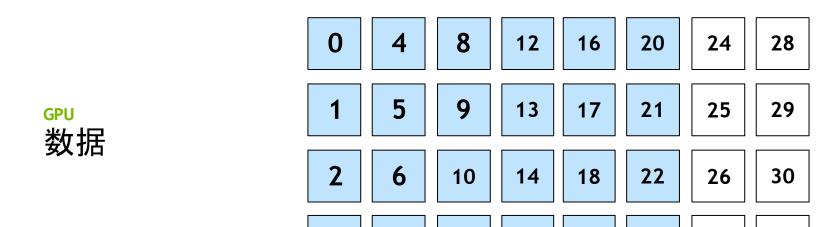
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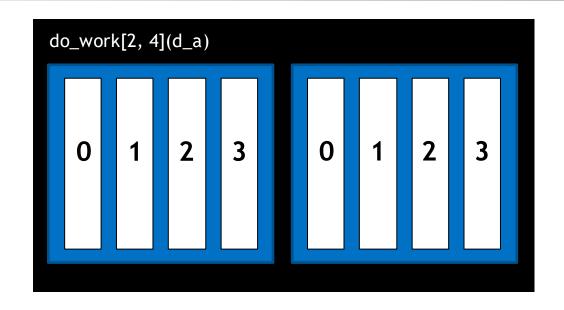




3

若所有线程均按此种方式 执行,所有元素便可覆盖在 内,同时还可尽享访存合并 所带来的性能优势





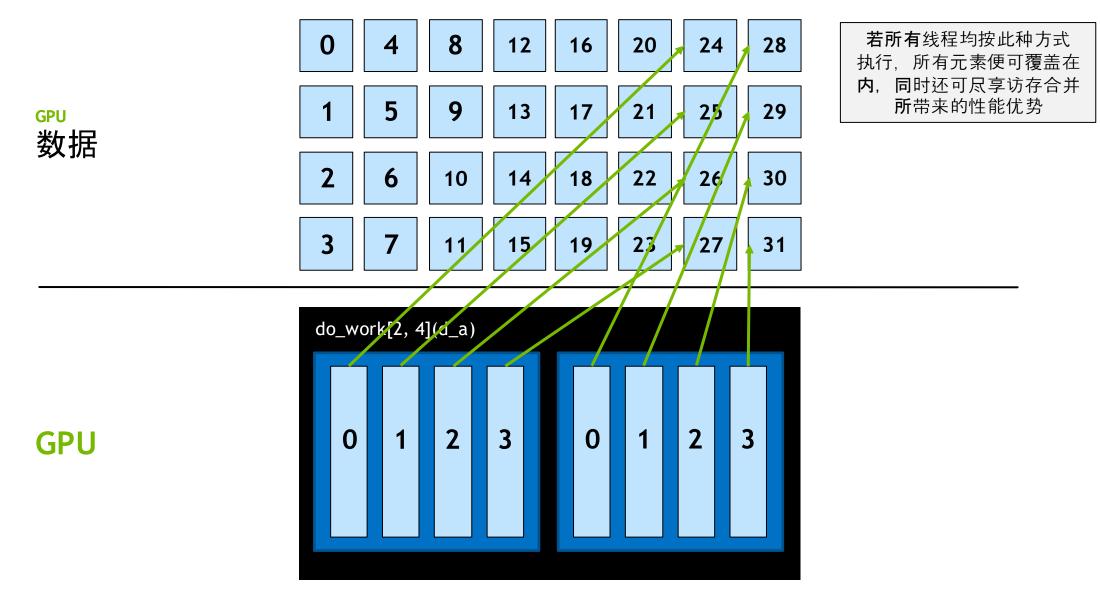
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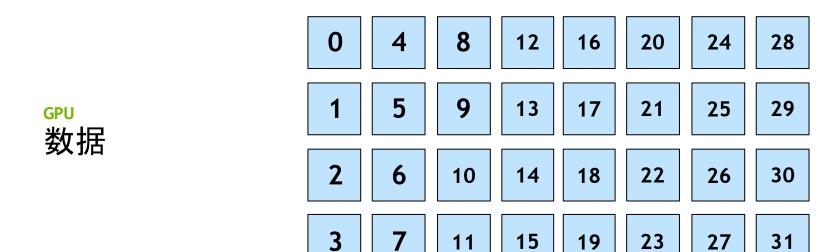
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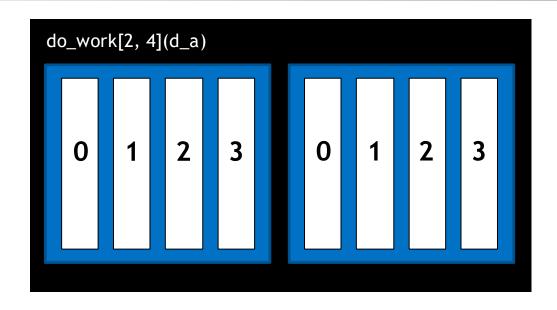




若所有线程均按此种方式 执行,所有元素便可覆盖在 内, 同时还可尽享访存合并 所带来的性能优势



GPU



19





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