Optimized two tree broadcast, reduce and allreduce

ABSTRACT

1 INTRODUCTION

[Jagpreet: Jagpreet: work on introduction on today]

2 PROPOSED TWOTREEOPT

[Jagpreet: Mohit: write a quick draft of this section first with figures, I will edit it later]

2.1 Construction

2.2 TwoTreeOpt vs TwoTreeSanders

3 BROADCAST WITH TWOTREEOPT

4 REDUCE WITH TWOTREEOPT

5 ALLREDUCE WITH TWOTREEOPT