

Discrete Optimization

Mail Bag - Week 3

Why am I Invisible?



Key Announcement

- ▶ Please take the mid-course survey

Update of the Student Body

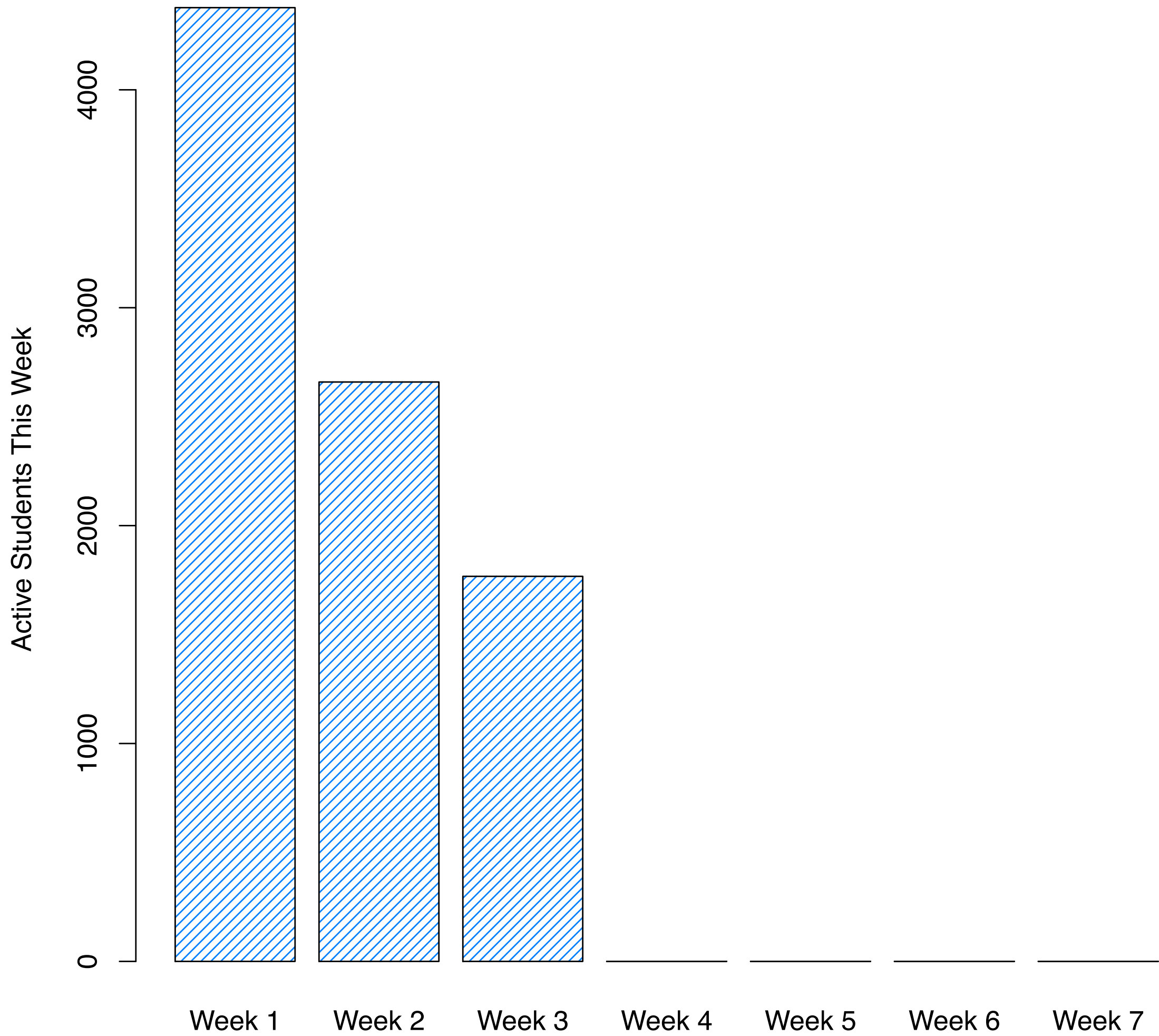
- ▶ 9,000 students active
 - 11,000 last week
 - 17,000 last last week

Video Activity

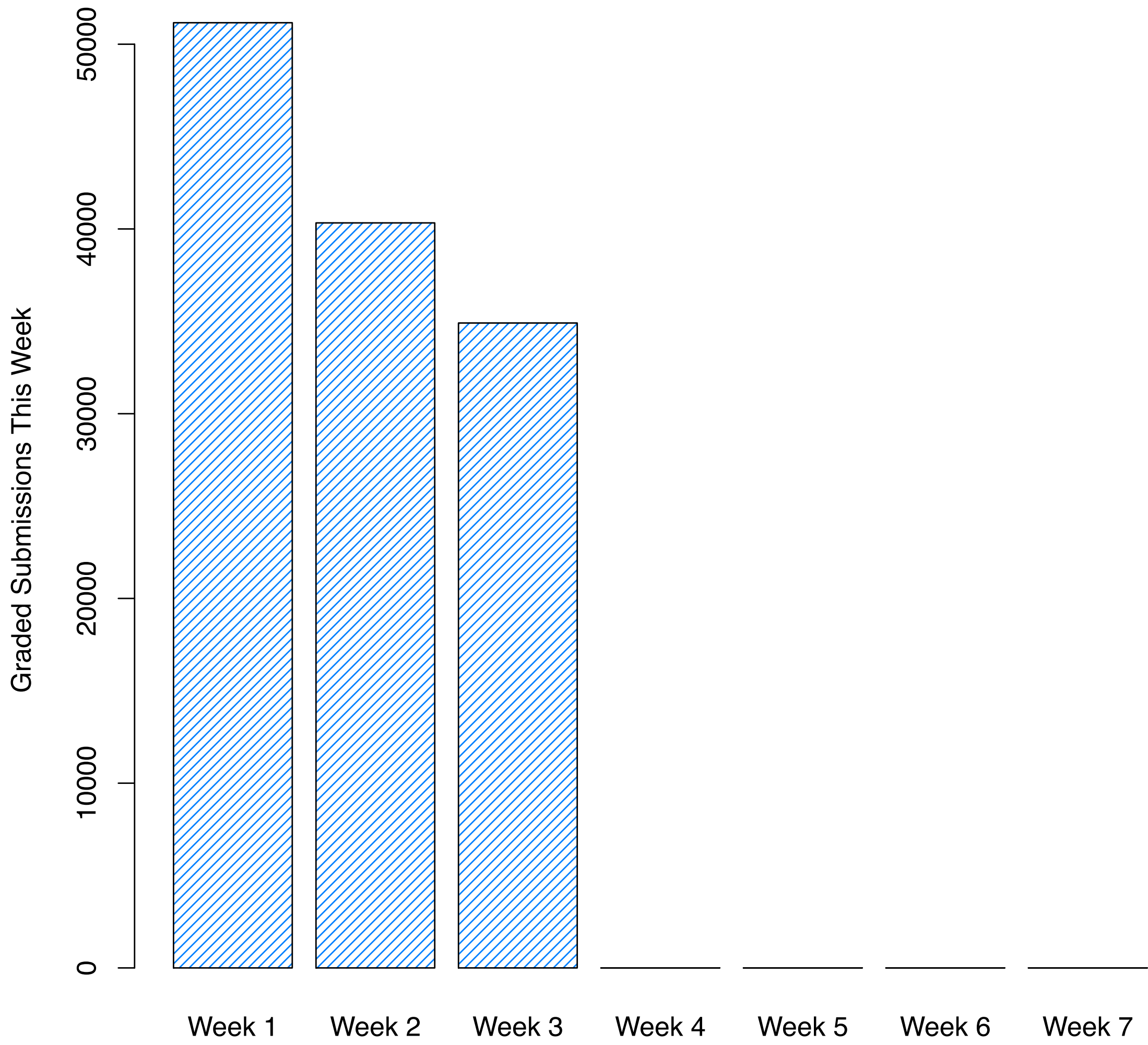
► Video views

- 13,000 views of introductory videos
 - 11,000 last week
- All subject areas up by 500 views
- 5,500 views of Mail Bag 1
 - 4,000 last week
- 2,000 views of Mail Bag 2

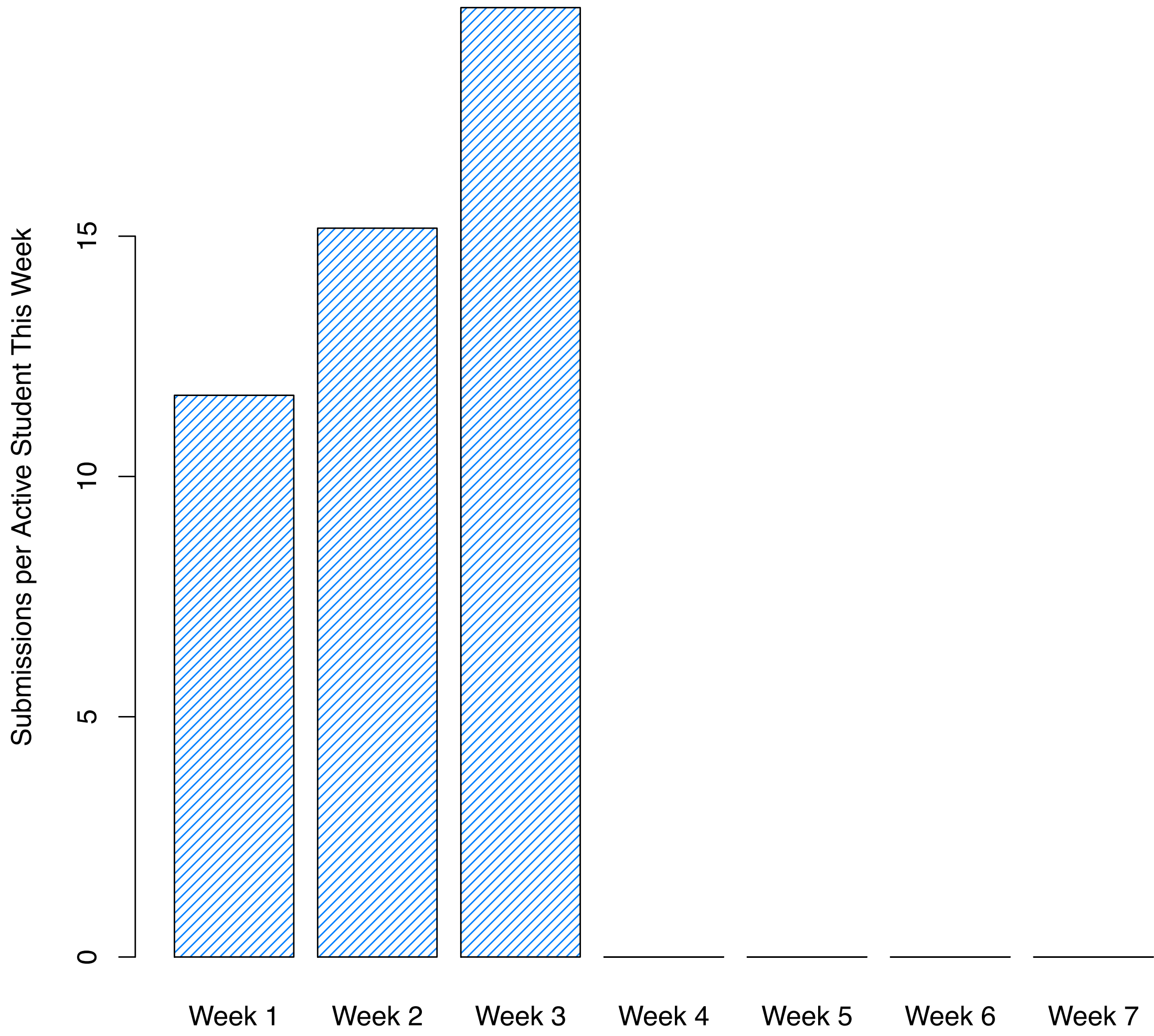
Students Active in Assignments



Submissions Graded



Submissions Per Active Student



Participation per Assignment

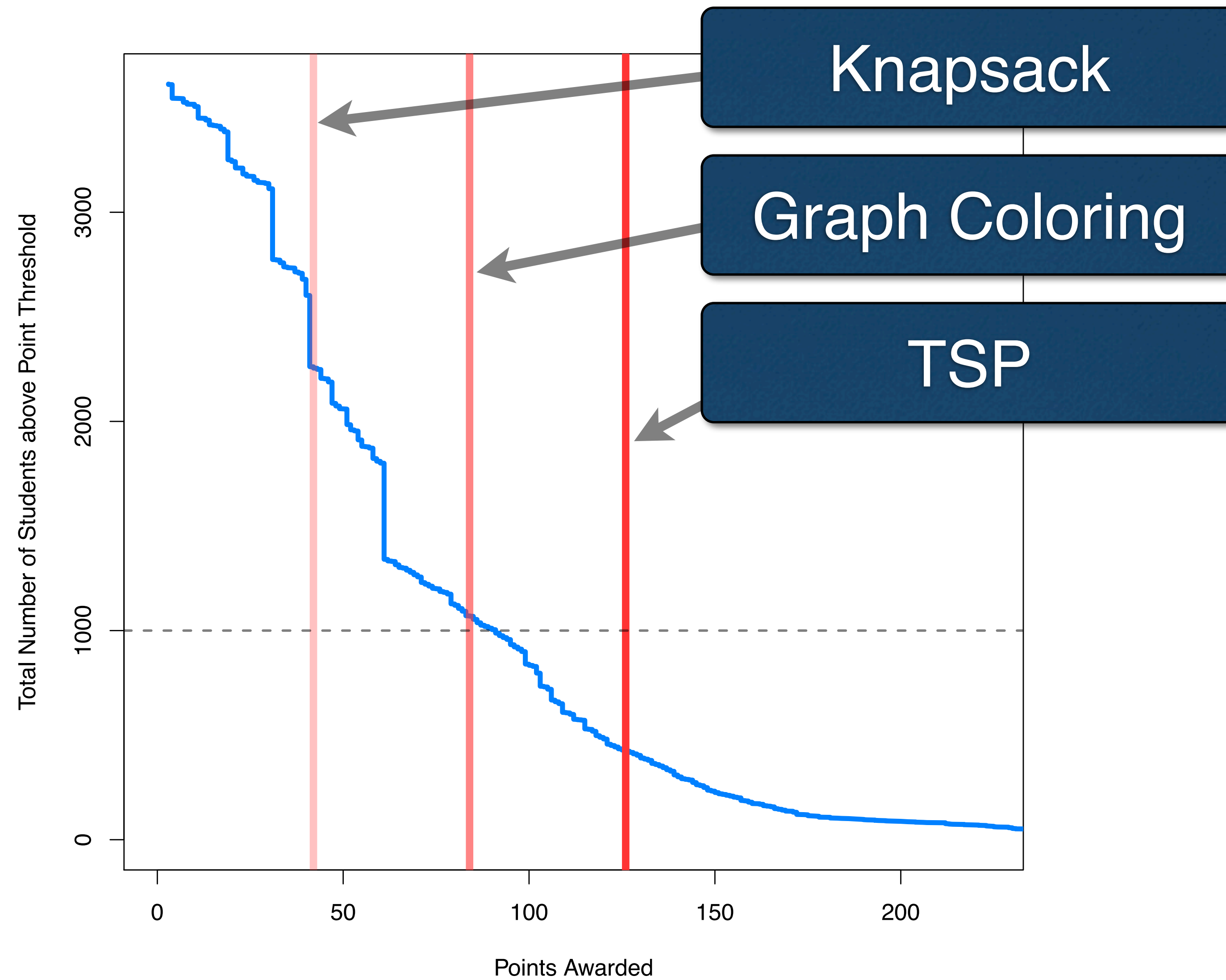
	Max per Problem	Min per Problem
Screen Name	5,500	
Knapsack	3,400	2,800
Graph Coloring	1,400	1,300
TSP	600	500
Warehouse Location	104	117
VRP	52	50
Puzzle Challenge	120	60

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WOW!

Points per Student



Our Dream

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- ▶ To give out 1000 certificates
 - Problem: we can't lower our standards
 - But we'll do everything we can to help you succeed and meet this goal.

Our Dream

- ▶ To give out 1000 certificates
 - Problem: we can't lower our standards
 - But we'll do everything we can to help you succeed and meet this goal.
- ▶ Lets work together to make this dream come true.
 - **we** will be adjusting the suggested schedule to allow more time for TSP
 - If **you** have been successful on TSP help us out and get on the forums to share what worked for you

Suggested Schedule

Start of	Old Due Dates	New Due Dates
Week 1	---	---
Week 2	Knapsack	Knapsack
Week 3	Graph Coloring	Graph Coloring
Week 4	TSP	
Week 5	Warehouse	TSP
Week 6	VRP	Warehouse
Week 7		VRP

Check Out These Great Threads

All Threads

Top threads

Last updated

Last created

Graph colouring: What's the expected approach / implementation strategy? STAFF REPLIED · Started by John Campbell · Last post by Sergey Smyshlyaev (a day ago)	43 points	70 posts	2694 views
My own experience on solving this problem STAFF REPLIED · Started by Yifan Chen · Last post by Anonymous (8 days ago)	43 points	139 posts	4624 views
Plot your TSP solution STAFF REPLIED · Started by Oleg Konovalov · Last post by Ivan Milyakov (an hour ago)	19 points	21 posts	566 views
View your graph STAFF REPLIED · Started by Johan Ahlgren · Last post by Anonymous (16 hours ago)	17 points	16 posts	753 views
One of the best courses on Coursera! STAFF REPLIED · Started by Anonymous · Last post by François BOUDOT (4 days ago)	44 points	35 posts	816 views
Which solvers have you tried, and how good are they? STAFF REPLIED · Started by Maxim Razin · Last post by Jerry Gamble (2 days ago)	1 point	50 posts	1655 views
Matlab instead of Python STAFF REPLIED · Started by Ram Sastry · Last post by Anonymous (2 days ago)	13 points	55 posts	963 views
dropping out... Started by Shane Knysh · Last post by Cristian Angelini (19 hours ago)	7 points	13 posts	496 views
using C code STAFF REPLIED · Started by Anonymous · Last post by gt bradley (4 hours ago)	2 points	16 posts	473 views
Problem 1 optimal solution	3	10	309

What's Next?

- ▶ Enjoy Traveling Salesman
- ▶ Start looking into the LP/MIP lectures

Have Fun!

- ▶ Keep up the awesome optimization!