

Tasks of the potential collaborator

From the expert who would like to collaborate with me I would expect following contributions:

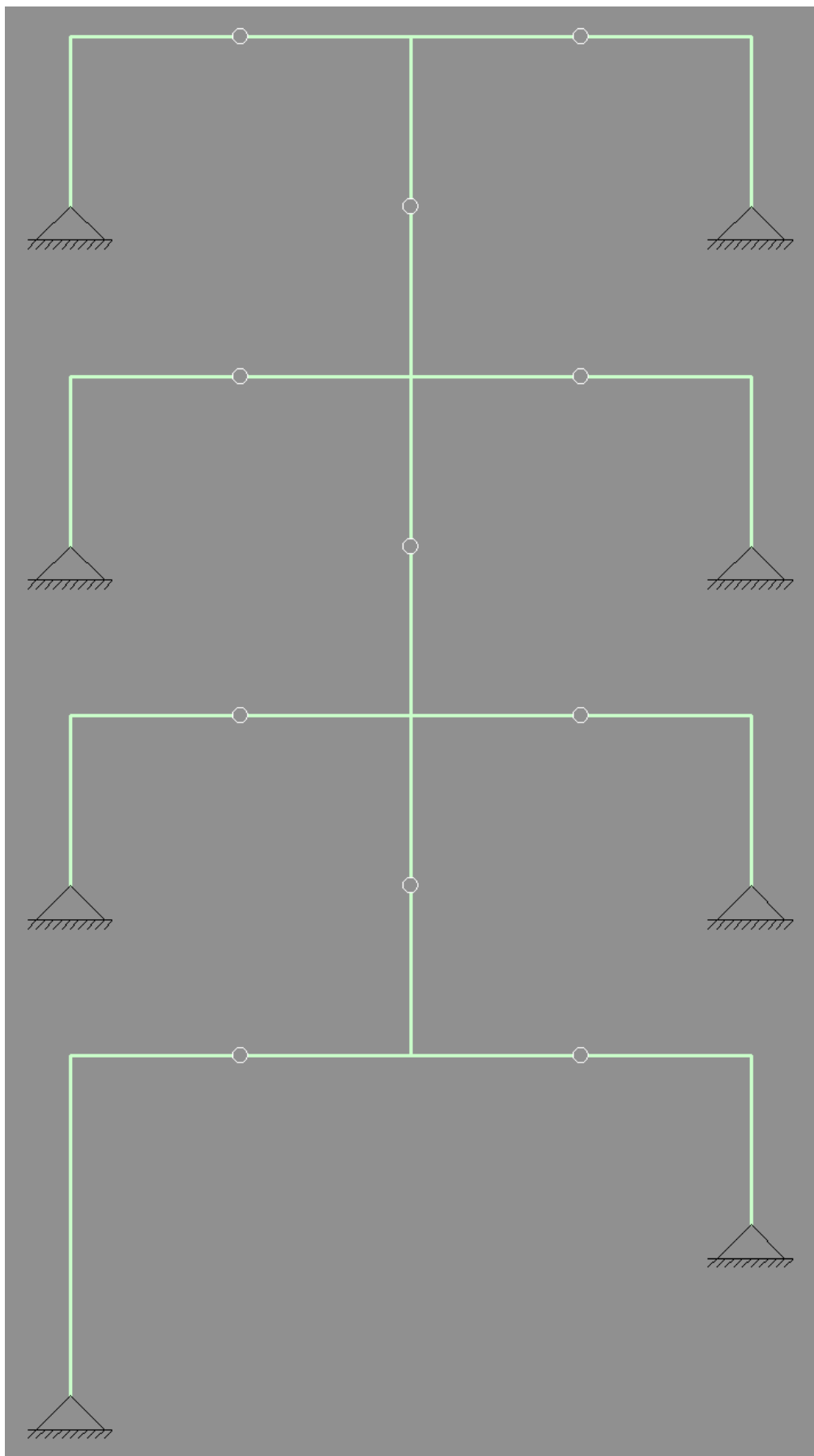
1. To give suggestions how the hypothesis may be rewritten on better way, by changing word order somewhere or by eliminating some words or changing them by better English expressions more often used in structural mechanics field. Currently, the hypothesis has 92 words so if it can be shortened by, say, 10 words, it would be a great contribution.

2. To try to improve my hypothesis together on the way that first few words can be replaced from "A two dimensional structural frame..." into "A two dimensional structural system". Currently, I am aware that my hypothesis is always true for every structural frame but is not always true for every structurally enclosed system. So far, I am unable to find a reason by myself why the hypothesis is not true for structurally enclosed systems.

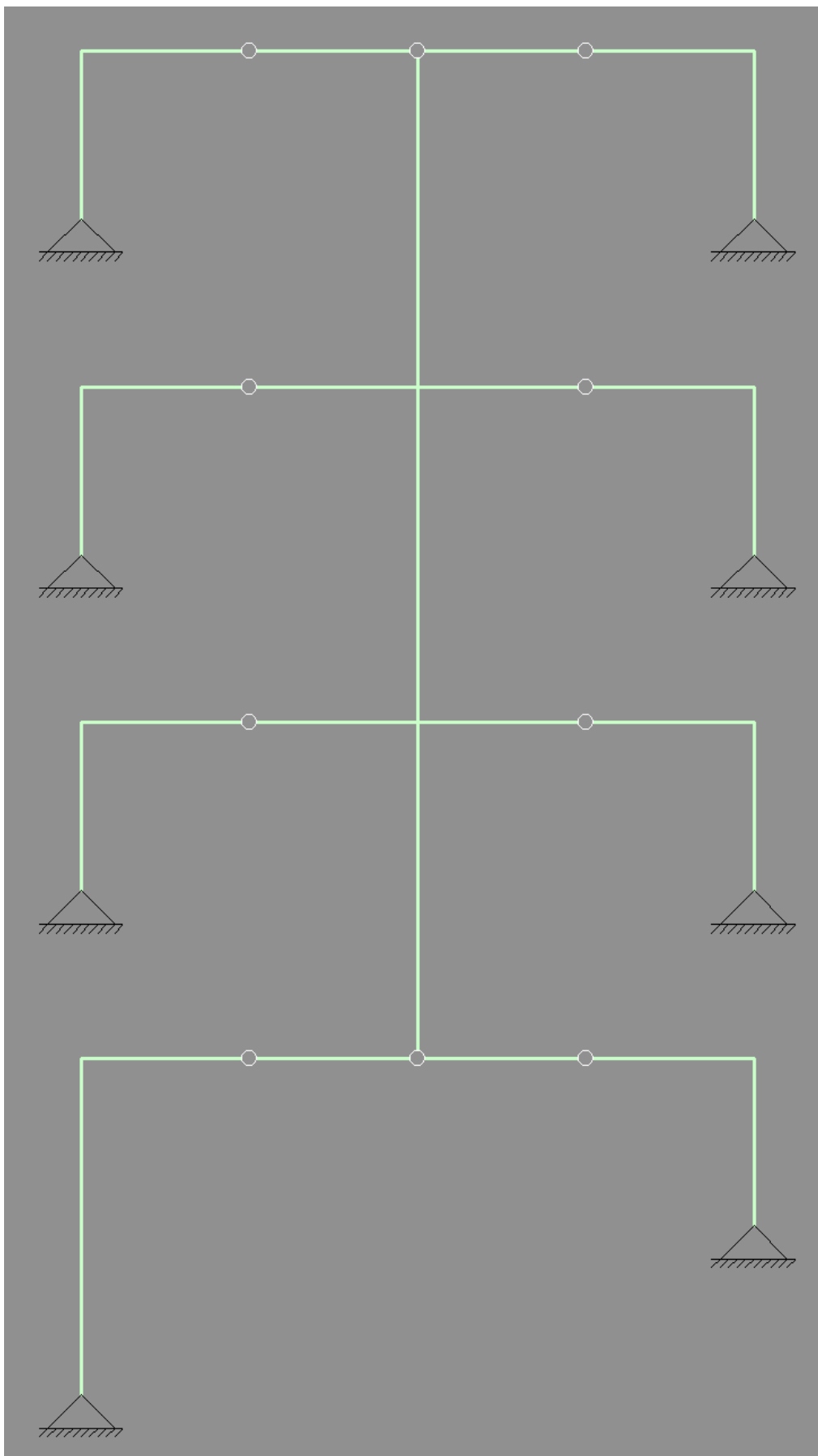
3. To be willing to answer all my quiz questions, and there might be following more than just these 4 attached in the paper draft, but not more than 10 in total. Purpose of asking and getting answers to the quiz questions is to teach me currently known methods by applying them to structural systems given by me in the quiz. From collaborator's answers to my quiz question, I will be able to compare my method with currently known method (the one which was used in the answer), which I am not able to do at this moment because I have no proper knowledge how to apply currently known methods.

4. Conclusion: As can be seen from points (1-3), I need an expert collaborator to be just in advisory role for the paper. All paper writings, methods, discussion, conclusions etc. can be done by me, but sometimes when there is a gap in knowledge from my side or when the hypothesis needs to be polished then I need someone who understands the matter excellently for a discussion.

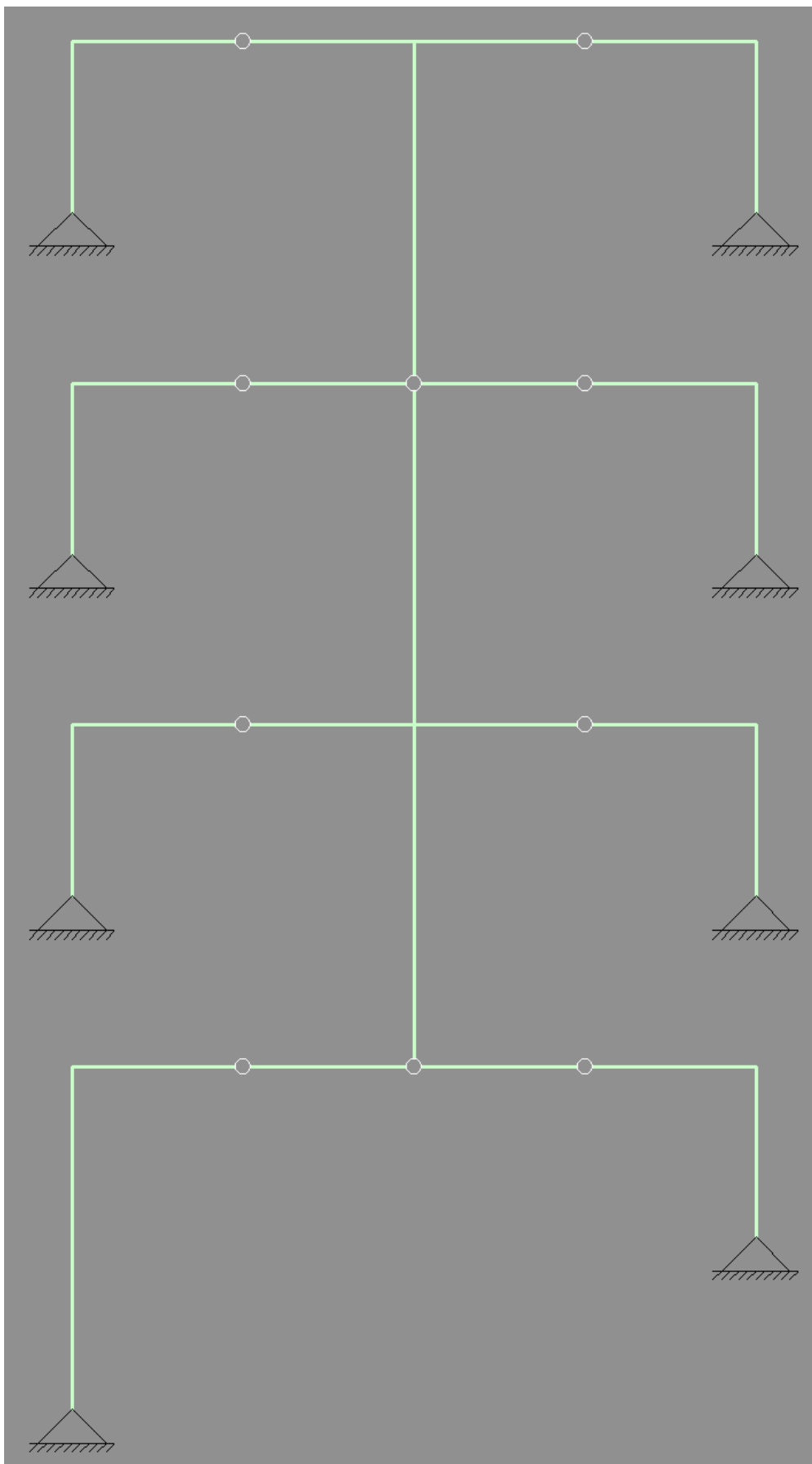
Example 5) Two degrees indeterminate system



Example 6) One degree indeterminate system



Example 7) Determinate system



Example 8) Determinate system

