Reporting Verbs

1) Separate the following reporting verbs into three categories:

Suggest, describe, reveal, argue, note, show, speculate, point out, reject, strongly believe that, propose, deny, negate, report, challenge, take into consideration, study, imply, emphasize, recommend, demonstrate, postulate, claim, examine, go on to say that, state.

Neutral	Tentative	Strong

2) Look at the reporting verbs in the sentences and try to replace them with reporting verbs with similar meaning. You might have to do slight alterations to the sentences.

a) Dr. Green confirms the results as valid and informative.

b) It is suggested that further research be made in this area.

c) The allegations were denied by the instructor.

d) Bořivoj suggested measuring the conductive abilities with a fork.

e) The claims from Chan's paper were challenged by MU FI professors.

f) The data do not support the original aim of the thesis.

g) This paper proposes that a superconductive electromagnetism is the future of the auto industry.

h) It must be emphasized that the preliminary results were very promising.

For each excerpt, identify the source of the ambiguity: (1) improper syntax (word order), (2) missing comma, (3) unclear pronoun reference, or (4) grouping of conflicting words.

1) With the lid off the reactor core was exposed, allowing radioactive isotopes to escape.

2) We propose to provide the above engineering services hourly based on the following estimates.

3) Compared with the pollution of the average coal-fired plant, the thermal pollution of a nuclear power plant is less than 2 percent more.

4) Reductions up to 80% in heat and mass transfer coefficients were measured due to outgassing.

5) As airplane designs change the anti-ice systems also have to change.

6) Most people are diagnosed with phenylketonuria at birth.

7) The use of the thermal storage unit is limited to supplying low-pressure auxiliary steam because of insufficient excess energy from the undersized collector.

8) At this time, the Department of Energy is only considering Yucca Mountain as a possible storage site for nuclear waste. Other possible sites are excluded from discussion.

9) If the airplane waits too long to take off the de-ice fluid can dissipate.

Fill in the gaps in the introduction to an academic article with the correct term

environments, sensors, perception, been, robots, introduction, world, account, dynamic, autonomously, emphasis, traditional,

Introduction

The metaphor of a (software) agent is nowadays widely used for programs that act _____ in software environments, in computer networks, and mostly known in the internet. Agent Oriented Techniques have _____ developed for programming such agents and for modeling complex software problems with the help of the agent paradigm.

Similar to autonomous agents, autonomous _____ have to act in their _____ by their own means. But the environment of robots is the real _____ . This is much more challenging than the virtual reality of computer networks. _____ software technology is based on the trust, that the system will behave exactly as specified. This is not longer true if the physical world is inside the loop. The Cyberphysical systems initiative [8] looks for new developments in software technology which can take related effects into _____ .

This paper discusses some possibilities to consider a robot control as a control by an agent with inputs and outputs that are derived from the real world via _____ and actuators. We start with a short _____ to Agent Oriented Techniques. Then we discuss the possibilities to use related techniques for robots. It turns out, that reactive basic skills for robots need much more _____ than related skills of agents. More deliberative tasks like planning can benefit from techniques developed for agents. Since real environments are highly _____ , classical planning techniques are not flexible enough, but there exist more sophisticated techniques for agents which are useful for robotics as well. Good algorithms for _____ in the real world are a key problem for robot programming with many (still unsolved) challenges.

Linking Words Exercise

1) Polls show that Tony Blair is the most popular Prime Minister this century. _____ , there are even members of his own party who are uneasy with his approach.

In particular   However   For instance

2) There are some slight variations in temperature, but _____ 26 to 27ºC should be expected.

Consequently   otherwise   as a rule

3) The two main Channel Islands, _____ Jersey and Guernsey, are much closer to France than to England.

For example   namely   in particular

4) It was announced that nurses' working hours would be increased by 25%. _____ , even fewer trainee nurses   are expected to join the profession.

As a result   So that   Likewise

5) Sales of CDs have experienced a small but steady fall over the past 12 months. _____ , vinyl records have   seen an increase in their share of the market, up to 1.7%.

Above all   Correspondingly   In contrast

6) The Vice Chancellor explained that in light of the current financial climate and because of unexpected bad debts, it would be necessary to peg salary levels at their current level for all grades of staff. _____ , no-one was getting a pay rise.

Nevertheless   In other words   Similarly

7) It is clear, therefore, that the situation in Brazil will improve only slowly. _____ the economic problems being experienced in Japan, the outlook is slightly more optimistic.

Furthermore   In comparison   With reference to

8) In order to try to reduce car use in the inner cities, the government has announced new restrictions on company parking spaces and _____ , a new tax on individual car use.

As well as   in addition   in the same way

9) Essays must be handed in by the deadline, _____ they will not be marked.

Obviously   otherwise   as a result

10) _____ it has been shown that fractures can occur at even relatively low pressures, the use of the material should not be completely discounted.

Nevertheless   Because   Even though

Read the following abstract and identify its parts.

(1) Personalized Web applications automatically adapted for different clients and user preferences gain more importance. **(2)** Still there are barely technologies to compensate the additional effort of creating, maintaining and publishing such Web content. **(3) To address this problem**, this paper **introduces** a declarative, component-based approach for adaptive, dynamic Web documents on the basis of XML-technology. **(4)** Adaptive Web components on different abstraction levels **are defined** in order to **support** effective Web page authorizing and generation. **(5)** Hierarchical document components playing a specific semantic role **are also defined**. **(6)** The hyperlink view for defining typed links **is spanned over** all component layers. **(7)** Beside the issue of both implementation artifacts and higher level concepts, the model also allows to define adaptive behavior of components in a fine-granular way. **(8)** As a further benefit the support for ubiquitous collaboration via component annotations **is introduced**. **(9)** Finally, the stepwise pipeline-based process of document generation is introduced and performance issues **are sketched**.