MAJOR PROJECT BRIEFING
TOOLS AND RESOURCES

- General tools
- Resources: How/where/what to search?
- Hit a paywall?
- Citations: what do we need to cite?
GENERAL TOOLS
PROOFREADING: GRAMMAR AND LANGUAGE

• Have you activated Grammarly Premium?

• How many TP students (across all schools) have already activated their account?

• No invitation email? Invite expired? Email libloan@tp.edu.sg
SPECIALISED SOFTWARE TOOLS

• Adobe Creative Cloud.

• Suite of 21 Adobe applications. What’s included?
## Design & Layout

<table>
<thead>
<tr>
<th>Tool</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Photoshop</td>
<td>Create beautiful graphics, photos and art.</td>
</tr>
<tr>
<td>Acrobat Pro</td>
<td>The complete PDF solution for a mobile, connected world.</td>
</tr>
<tr>
<td>Spark</td>
<td>Create graphics, web pages, and video stories in no time.</td>
</tr>
<tr>
<td>Illustrator</td>
<td>Create beautiful vector art and illustrations.</td>
</tr>
<tr>
<td>InDesign</td>
<td>Design and publish elegant layouts for print and digital.</td>
</tr>
<tr>
<td>InCopy</td>
<td>Collaborate with copywriters and editors.</td>
</tr>
<tr>
<td>Comp</td>
<td>Create design comps using your real assets and fonts.</td>
</tr>
</tbody>
</table>

## Photography

<table>
<thead>
<tr>
<th>Tool</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Photoshop</td>
<td>Create beautiful graphics, photos and art.</td>
</tr>
<tr>
<td>Bridge</td>
<td>Centralize your creative assets.</td>
</tr>
<tr>
<td>Lightroom</td>
<td>Capture amazing photos, anywhere you are.</td>
</tr>
<tr>
<td>Lightroom Classic</td>
<td>Photo editing optimized for desktop.</td>
</tr>
</tbody>
</table>

## Video & Motion

<table>
<thead>
<tr>
<th>Tool</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Premiere Pro</td>
<td>Industry-standard pro video and film editing.</td>
</tr>
<tr>
<td>Character Animator</td>
<td>Animate your 2D characters in real time.</td>
</tr>
<tr>
<td>Premiere Rush</td>
<td>Create and share online videos anywhere.</td>
</tr>
<tr>
<td>Audition</td>
<td>Bring stories to life with audio.</td>
</tr>
<tr>
<td>Media Encoder</td>
<td>Quickly output video files for virtually any screen.</td>
</tr>
<tr>
<td>After Effects</td>
<td>Cinematic visual effects and motion graphics.</td>
</tr>
<tr>
<td>Animate</td>
<td>A new age for animation. Any platform, device and style.</td>
</tr>
</tbody>
</table>
SPECIALISED SOFTWARE TOOLS

• Pixton (Comic, storyboard software)
• Powtoon, Videoscribe (Video making software)
• Need a licence? Email libloan@tp.edu.sg
RESOURCES: HOW/WHERE/WHAT TO SEARCH

WHERE TO FIND MP IDEAS?
# PAST MP PROJECTS

<table>
<thead>
<tr>
<th>Past MP title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spot the Colours</td>
</tr>
<tr>
<td>Power Electronics project</td>
</tr>
<tr>
<td>Wireless charging</td>
</tr>
<tr>
<td>Microcontroller applications</td>
</tr>
<tr>
<td>Elderly Personal Mobility Assistant</td>
</tr>
<tr>
<td>Robotics and Automation project</td>
</tr>
<tr>
<td>Elderly mini-helper</td>
</tr>
<tr>
<td>RAC robotics project</td>
</tr>
<tr>
<td>Mamy's Memory Game</td>
</tr>
<tr>
<td>CKTCS Tracker</td>
</tr>
<tr>
<td>Smart Navigation device</td>
</tr>
<tr>
<td>Smart Lightings / Appliances Control</td>
</tr>
<tr>
<td>Development of Radiation Ionization Detector for the Smart Electronics System prototype</td>
</tr>
<tr>
<td>Robotics Charging Station</td>
</tr>
</tbody>
</table>
WHERE ELSE TO FIND IDEAS?


• Although US based, it contains worldwide patents

• Database is quite slow
Multi-mode wireless power transmission method and device for same

Abstract

The present invention relates to a multi-mode wireless power transmission method and a device for the same. A wireless power transmitter for supporting a plurality of wireless power transmission modes, according to one embodiment of the present invention, can comprise: a first transmitter for transmitting a first power signal corresponding to a first wireless power transmission mode; a second transmitter for transmitting a second power signal corresponding to a second wireless power transmission mode; and a first power cutoff circuit coupled to the first transmitter so as to block the incoming second power signal and allow the first power signal to pass therethrough. Therefore, the present invention can minimize power consumption in the wireless power transmitter supporting the plurality of wireless power transmission modes, and can maximize power transmission efficiency.

Inventors:
Bae; Su Ho (Seoul, KR)

Applicant:
LG INNOTEK CO., LTD. (Seoul, KR)

Assignee:
LG INNOTEK CO., LTD. (Seoul, KR)

Family ID: 1000004506554

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Foreign Application Priority Data

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10.2015-0092824

Publication Date
Oct 11, 2018

Publication Language
en
FURTHER RESEARCH... DATABASES

• Why refer to the databases at all?
• Can you access the databases off-campus?
• Do you need VPN to access them?
Databases

- EBSCOhost
- Gale
- Sciencedirect (most technical)
- Recommended to filter for recently published full text articles only
- Access the databases via the LIB homepage
SINGAPORE SPECIFIC

• Singapore Standards: hardcopies are available at Library L2
• Example: Home wireless sensor network
• Search for: SPRING Singapore
Welcome to TP Library!

Quick Links

E-Resources
- By content type
  - E-Books
  - E-Journals
  - Journal articles
  - Newspapers
  - Reports & statistics
  - Specialist resources
  - Videos
  - By A-Z
  - 123RF / Corporate+ (staff)
- Free resources
- Software & tools

E-Forms
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- Book a Facility
- Book a Room for Staff Training
- Document Delivery for Staff
- Document Delivery for Students
- Inter-Library Loan for Staff
- Project Advisory Service for Student (PASS)
- Recommend Titles to Library
- Request for Corporate+ account for Staff

Services
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- Borrowing privileges
- E-exam paper delivery
- FAQ
- Item retrieval
- Research skills workshops
- TP Archives
- PCs for E-Resources
- Photocopy, print, scan
- Wi-Fi

Research Guides
- APA Citation Style
- Country & Travel
- Essential Research Skills (Polyval)
- Evaluating information
- Guide to LibSearch
- IEEE Citation Style
- LibGuides
- Plagiarism

About Library
- Code of conduct
- Collections
- Contact us
- Facilities
- Floor directory
- Membership
- Milestones
- Opening hours

Other Links
- Highlights
- LibSearch
- Library Facebook
- Library Instagram
- New books
- New eBooks

EVENTS

09 JAN 2020
Open House 2020
09 - 11 Jan 20
Auditorium 1

11 JAN 2020
Beyond 'O' Level Seminar 2020
11 Jan 20
Auditorium 1

24 MAR 2020
ASC Show 2020 - Bringing Science to Life
Main Auditorium Foyer and Auditorium 2
Document Delivery for Students

Estimated time to complete: 10 mins

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CITATIONS

WHEN DO YOU NEED TO CITE? WHAT STYLE TO USE?
ENGINEERING CITATION STYLE

- IEEE style
- IEEE Research Guide
FURTHER QUESTIONS?

• Use PASS for project help

• Or contact us at asklib@tp.edu.sg for general information