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|   | DESCRIPCIÓN BIBLIOGRÁFICA DEL TRABAJO FIN DE ESTUDIOS IKASKETEN AMAIERAKO LANARI BURUZKO BIBLIOGRAFIAREN DESKRIBAPENA | PC 934 ANX1 |
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| Campos OBLIGATORIOS / NAHITAEZ bete beharreko eremuak | |
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| AÑO / URTEA (20xx): 2015 | Trabajo Fin de Grado (TFG) / Gradu Amaierako Lana (GAL) <input type="checkbox"/> Trabajo Fin de Máster (TFM) / Master Amaierako Lana (MAL) <input checked="" type="checkbox"/> |
| Título del TFG/TFM / GAL/MALaren izenburua: [Dimensionado sistema aislado con almacenamiento] | |
| Autor (Apellidos, Nombre) / Egilea (Deiturak, izena): Aritz Chocarro De La Fuente | |
| Director / Zuzendaria: Jose Luis Torres | UPNA / NUP <input checked="" type="checkbox"/> Otro (Indicar) / Beste bat (Jarri) [] |
| Codirector, si existe / Zuzendarikidea, halakorik badago Eduardo Prieto | UPNA / NUP <input checked="" type="checkbox"/> Otro (Indicar) / Beste bat (Jarri) [] |

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| Ingles Ingelesa | Abstract (Resumen de 100-250 palabras) / Abstract (Laburpena 100-250 hitzetan) |
| | <p>This study design a hybrid isolated electricity system. All technologies proposed and implemented in the study are known and studied.</p> <p>In the study the following technologies are implemented:</p> <ul style="list-style-type: none"> • Generation using photovoltaic panels. • Generation by wind turbines. • Hydroelectric generation. • Generation by physical effort. <p>These four technologies could be grouped according to the type of electricity we get:</p> <ul style="list-style-type: none"> • Production current (DC): <ul style="list-style-type: none"> Generation using photovoltaic panels. • Production alternating current (AC): <ul style="list-style-type: none"> Wind turbine generation. Hydroelectric generation. Generation by physical effort. <p>This is because we get through photovoltaic electricity production in the form of direct current, which means that you must wear a different control system, a different power electronics and receive different treatment. As for other methods they produce alternating current, which is obtained by an electric generator. The generator must work at low speed, therefore it is to use the design of a generator with many poles and large diameter. The challenge is to use the same electrical generator to optimize energy on a single shaft. Thus we would obtain a 100% clean energy and renewable. And total capacity of energy self-management.]</p> |
| | Materias o Palabras Clave (máximo 5) / Gaiak edo hitz gakoak (gehienez 5) |

| Campos OPTATIVOS / AUKERAKO eremuak | |
|-------------------------------------|---------------------------------------------------------------------------------------|
| Castellano Gaztelania | Abstract (Resumen de 100-250 palabras) / Abstract (Laburpena 100-250 hitzetan) |
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| | Materias o Palabras Clave (máximo 5) / Gaiak edo hitz gakoak (gehienez 5) |

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| Euskera Euskara | Abstract (Resumen de 100-250 palabras) // Abstract (Laburpena 100-250 hitzetan) |
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| Otro Idioma Beste hizk. bat | Abstract (Resumen de 100-250 palabras) // Abstract (Laburpena 100-250 hitzetan) |
| | Materias o Palabras Clave (máximo 5) / Gaiak edo hitz gakoak (gehienez 5) |
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